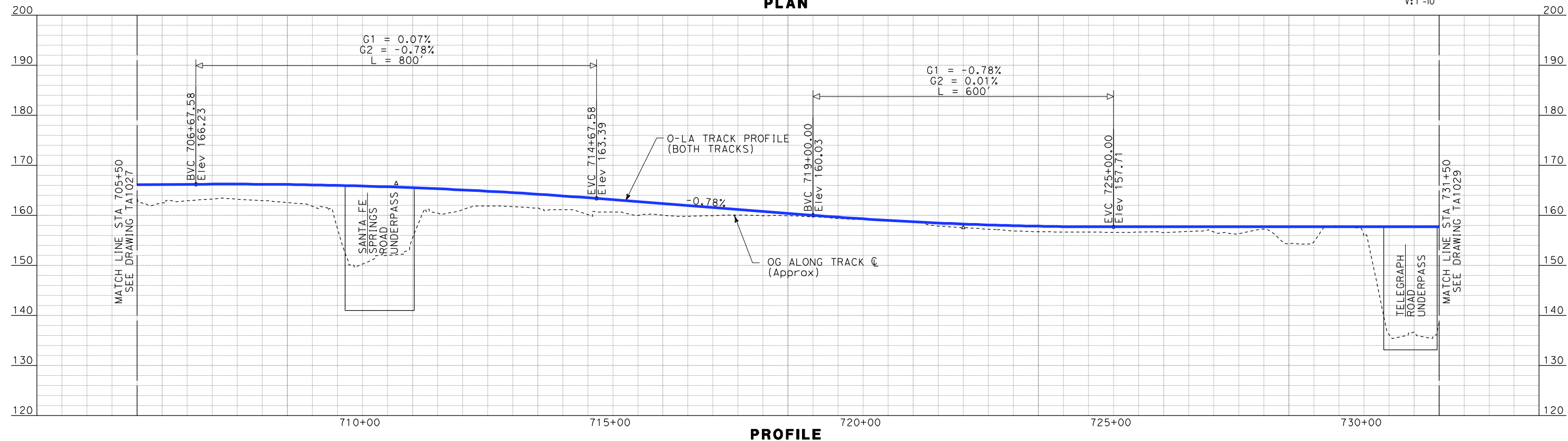
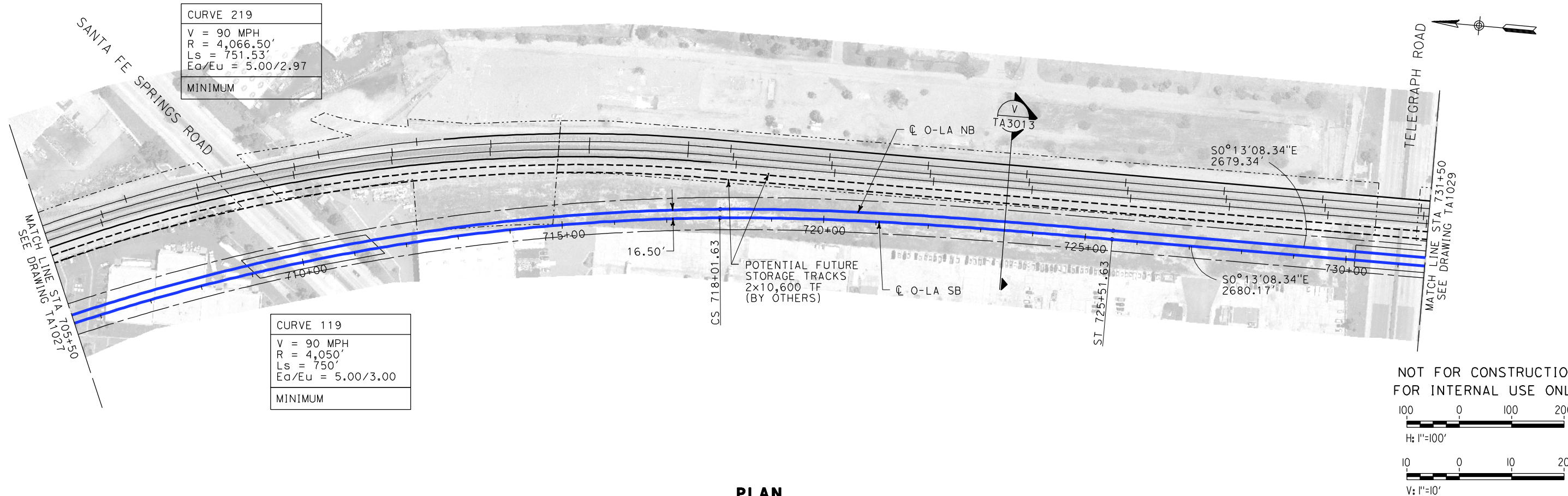


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SPERRY



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DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09

**STV Incorporated**  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556

**CALIFORNIA HIGH-SPEED RAIL AUTHORITY**  
**FLY CALIFORNIA**  
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 705+50 TO STA 731+50

CONTRACT NO.  
HSR06-0005

DRAWING NO.  
TA1028

SCALE  
AS SHOWN

SHEET NO.

12/22/2009 11:10:36 AM i:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1029.dgn

SPERRY

REV

DATE

BY

SUB

APP

DESCRIPTION

DESIGNED BY  
K. MCCULLOUGH  
DRAWN BY  
K. MCCULLOUGH  
CHECKED BY  
A. SOKOL  
IN CHARGE  
D. THOMSON  
DATE  
12-22-09



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1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556

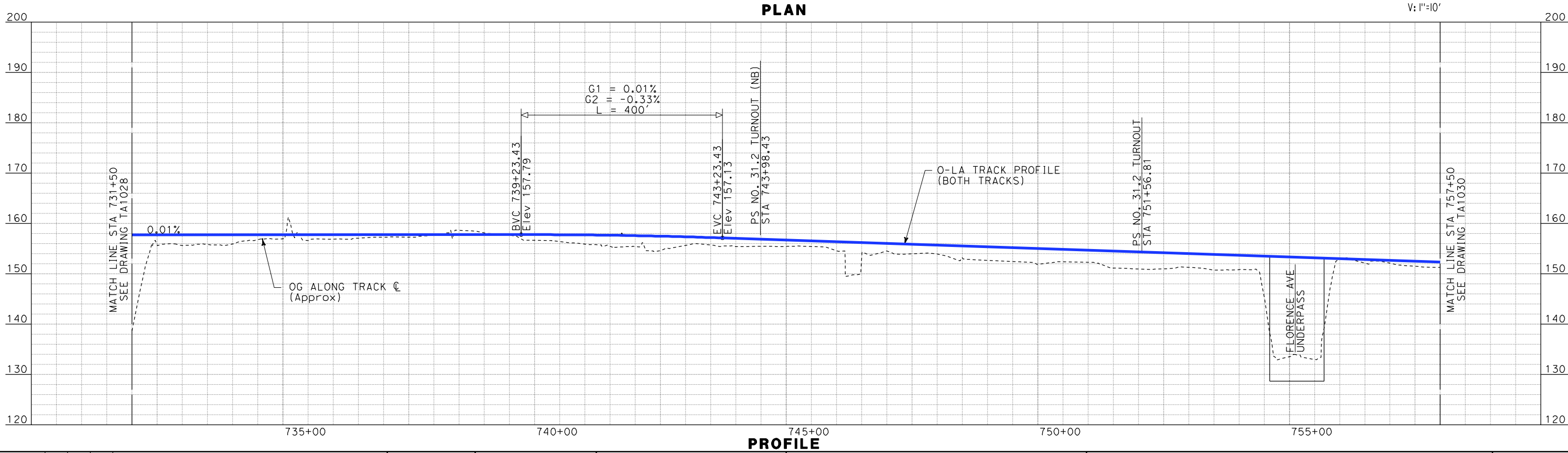


**CALIFORNIA HIGH-SPEED RAIL AUTHORITY**  
**FLY CALIFORNIA**  
*Without ever leaving the ground.*

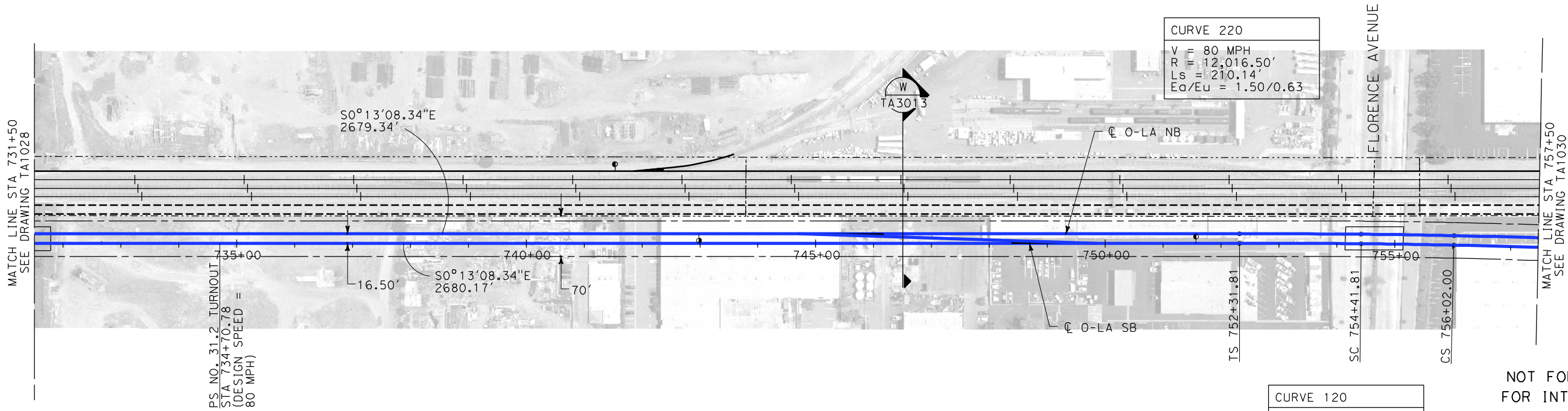
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 731+50 TO STA 757+50

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TA1029  
SCALE  
AS SHOWN  
SHEET NO.



**PLAN**



**CURVE 220**  
V = 80 MPH  
R = 12,016.50'  
Ls = 210.14'  
Ea/Eu = 1.50/0.63

**CURVE 120**  
V = 80 MPH  
R = 12,000'  
Ls = 210'  
Ea/Eu = 1.50/0.63

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100 0 100 200

H: 1"=100'

10 0 10 20

V: 1"=10'



12/22/2009 11:10:54 AM i:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1030.dgn

sperrykm

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LOS ANGELES, CA 90017-2556

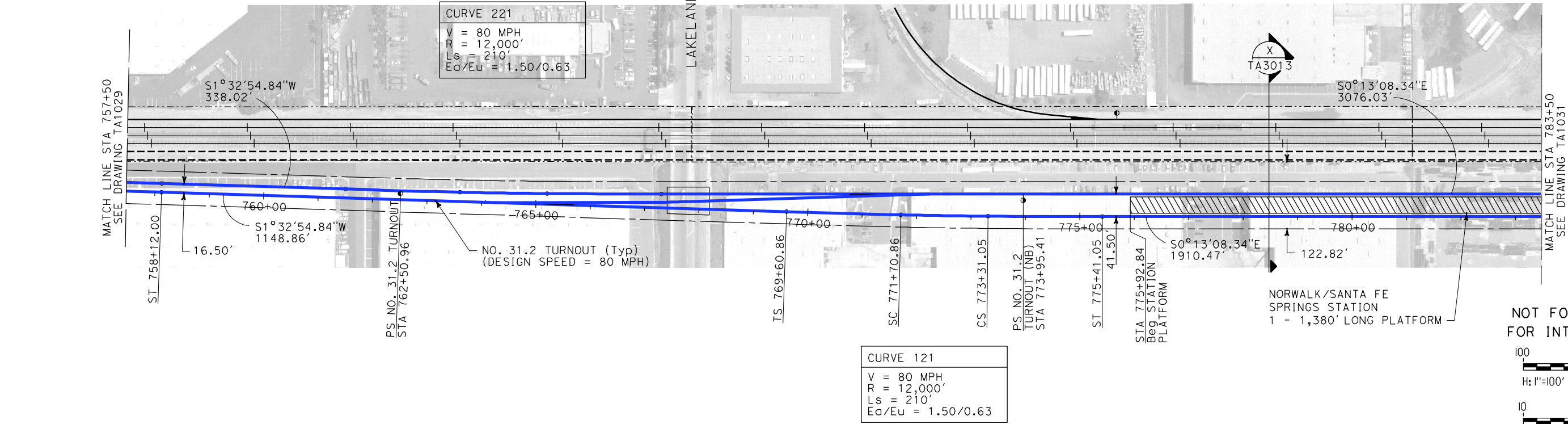
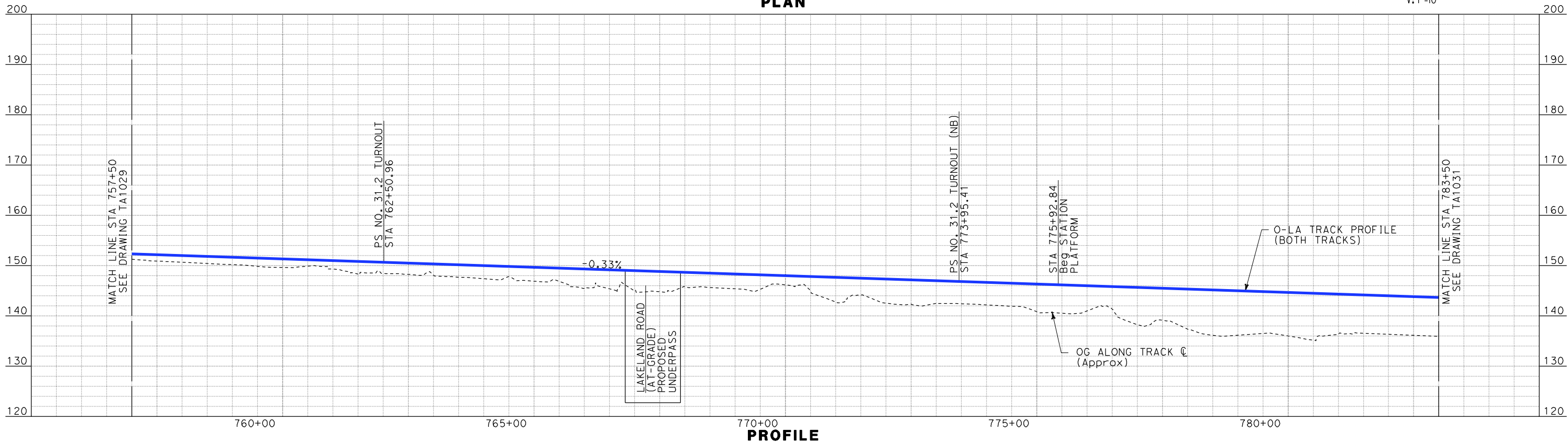


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**FLY CALIFORNIA**  
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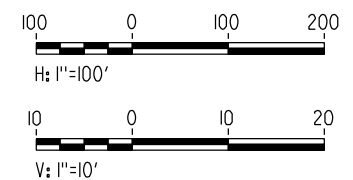
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

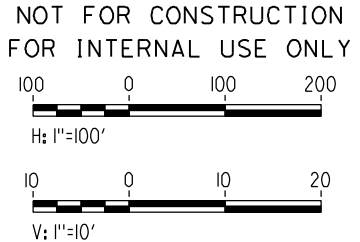
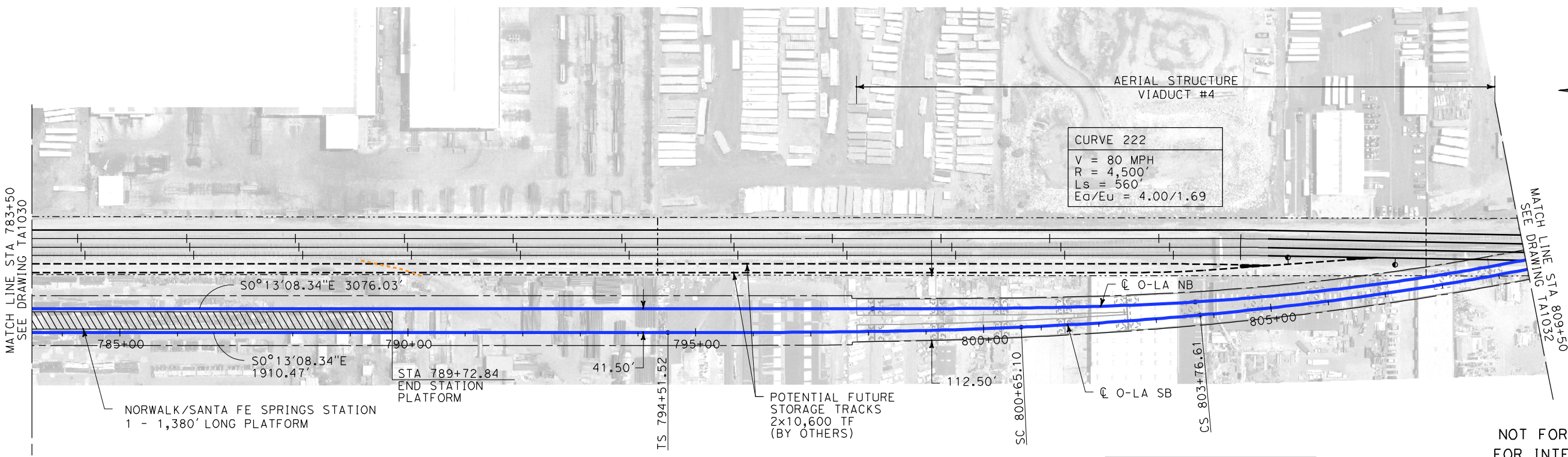
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STA 757+50 TO STA 783+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1030
SCALE AS SHOWN
SHEET NO.

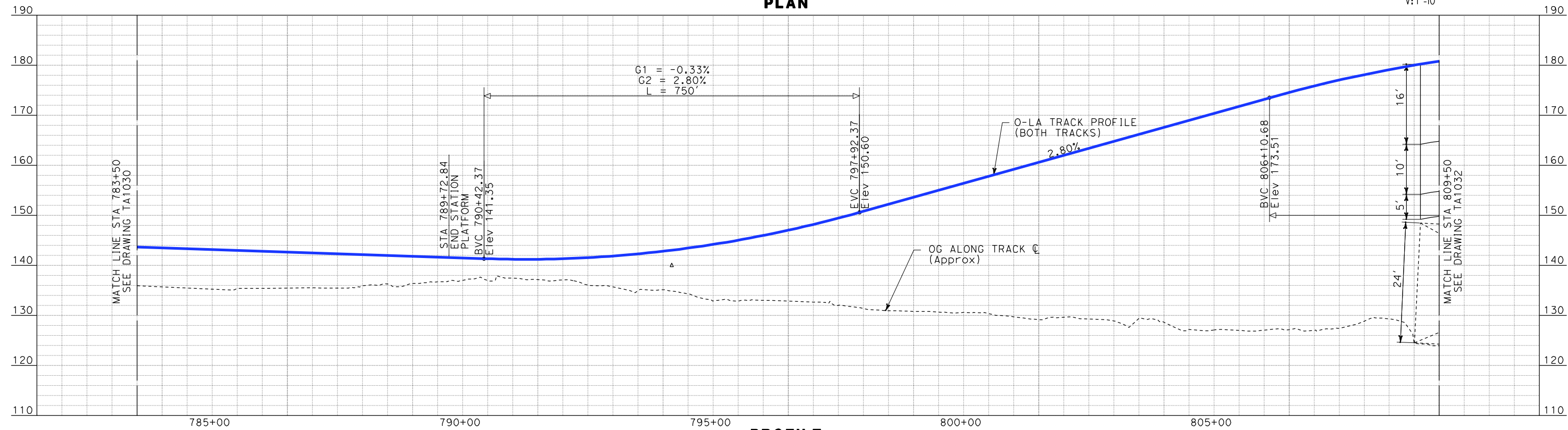


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PLAN



PROFILE

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REV	DATE	BY	SUB	APP	DESCRIPTION

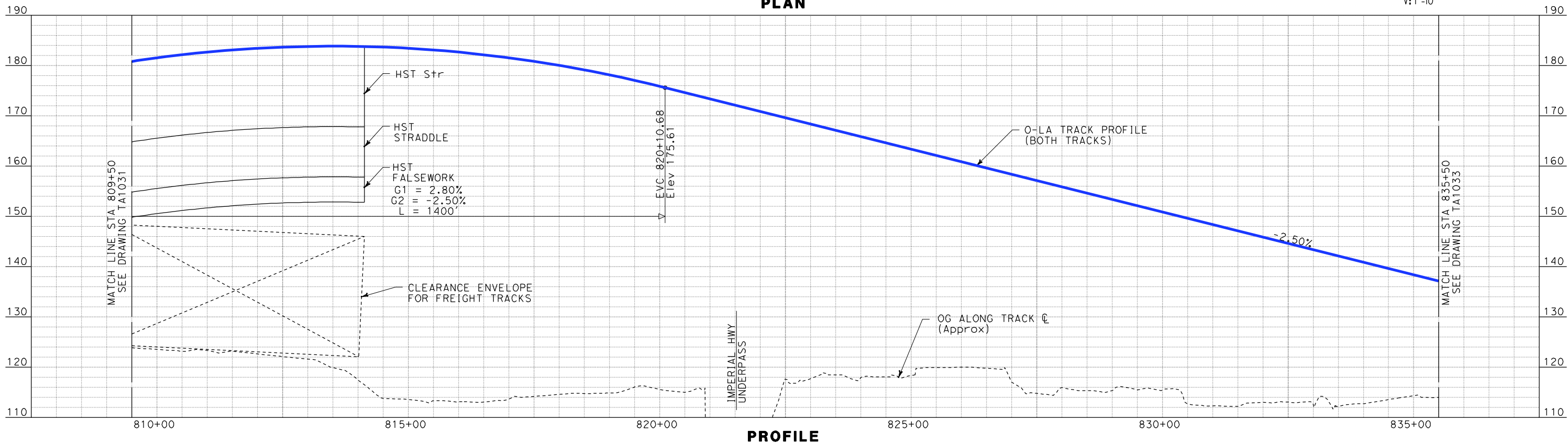
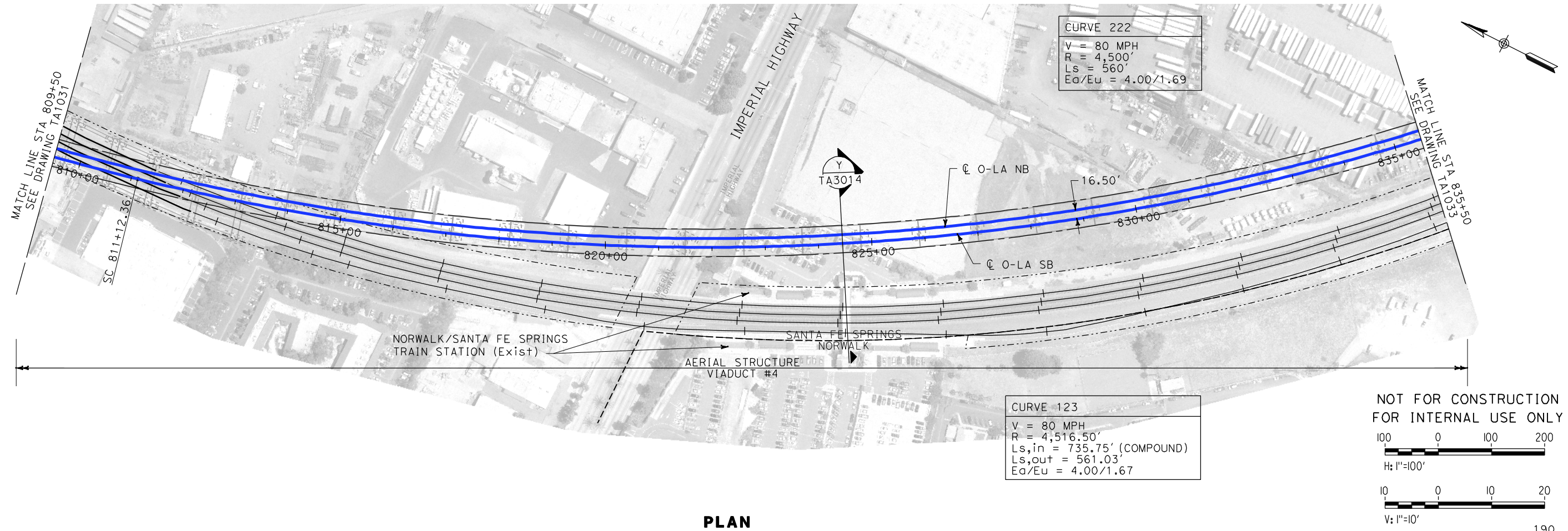
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT  
  
PLAN AND PROFILE  
STA 783+50 TO STA 809+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1031
SCALE AS SHOWN
SHEET NO.





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IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

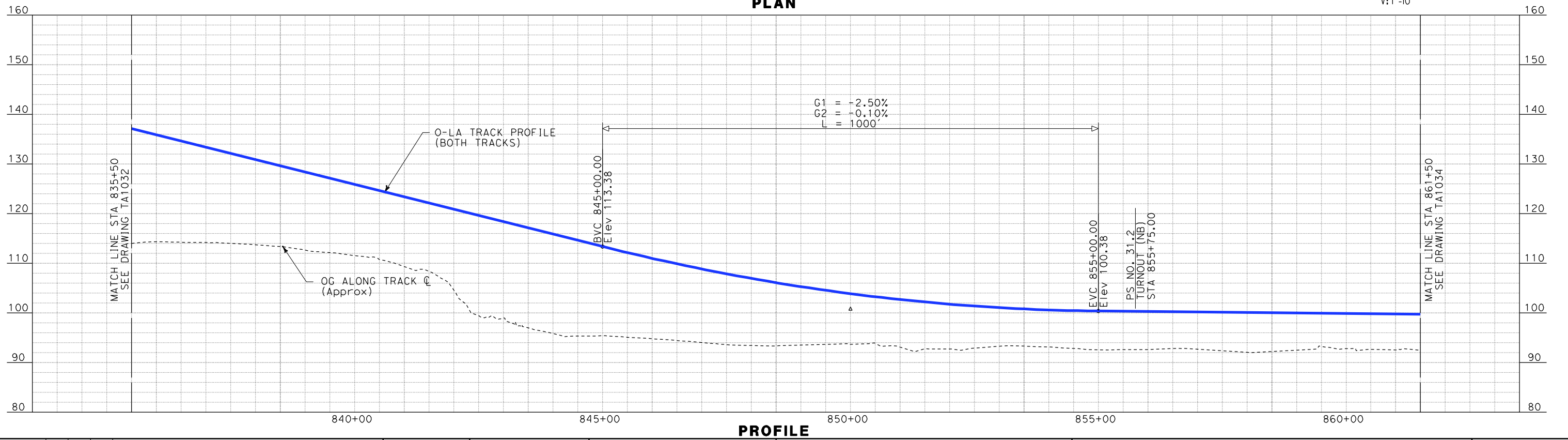
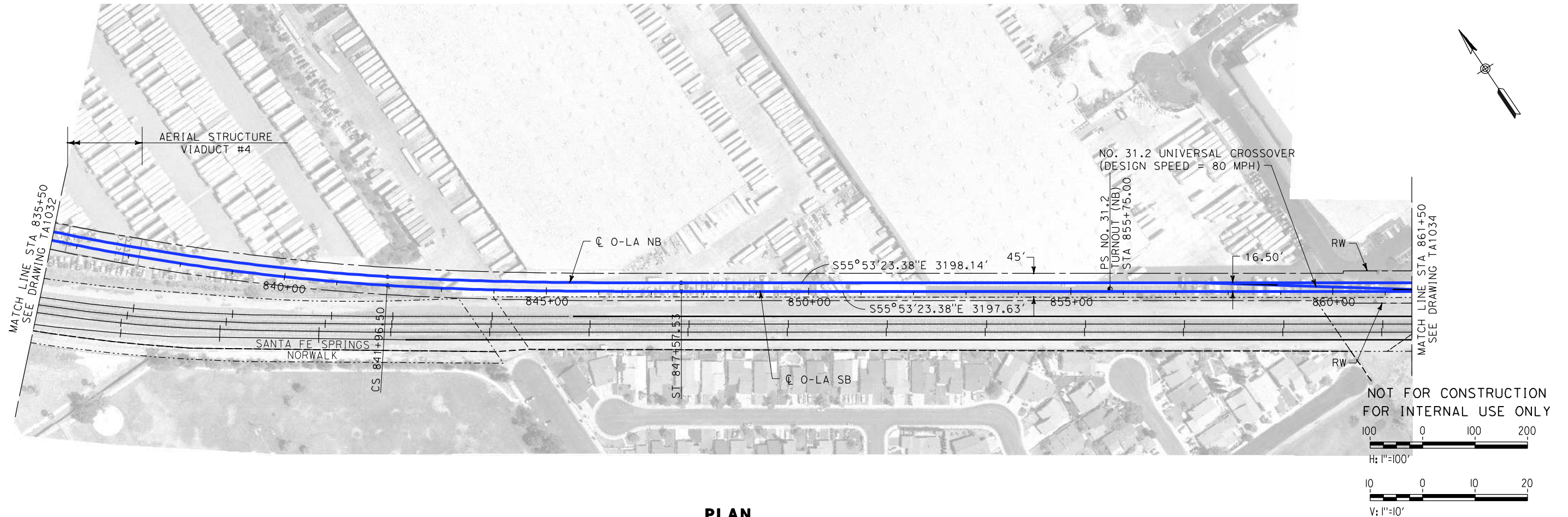
PLAN AND PROFILE  
STA 809+50 TO STA 835+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1032
SCALE AS SHOWN
SHEET NO.



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DATE 12-22-09



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CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
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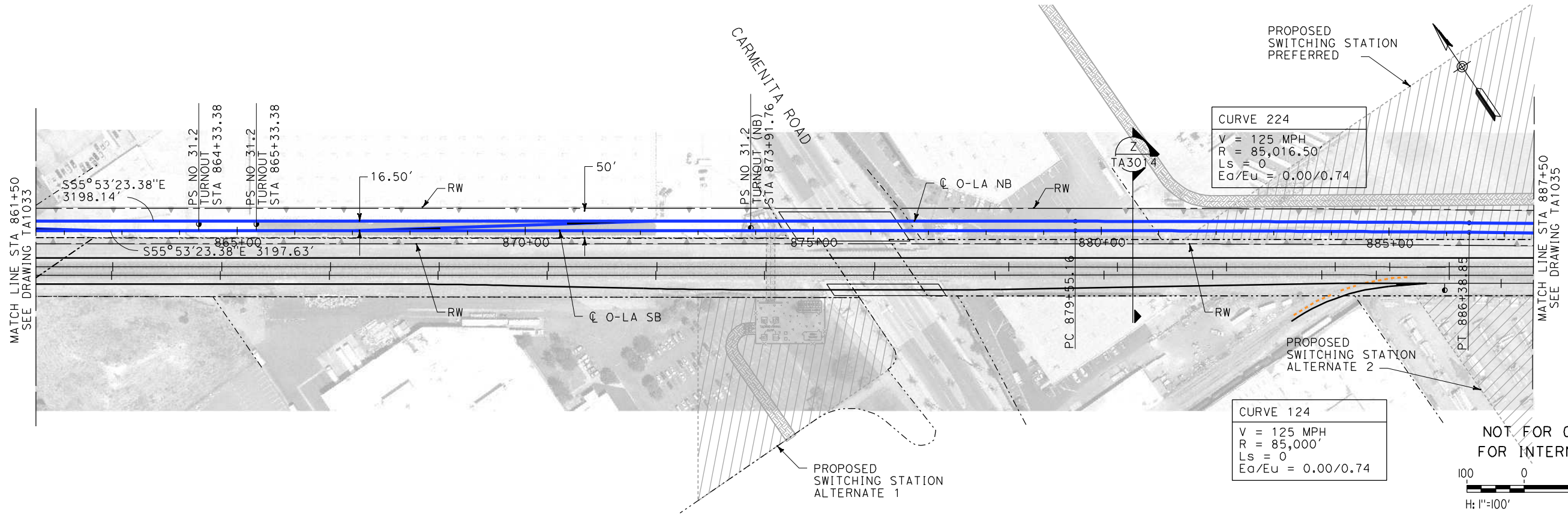
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 835+50 TO STA 861+50

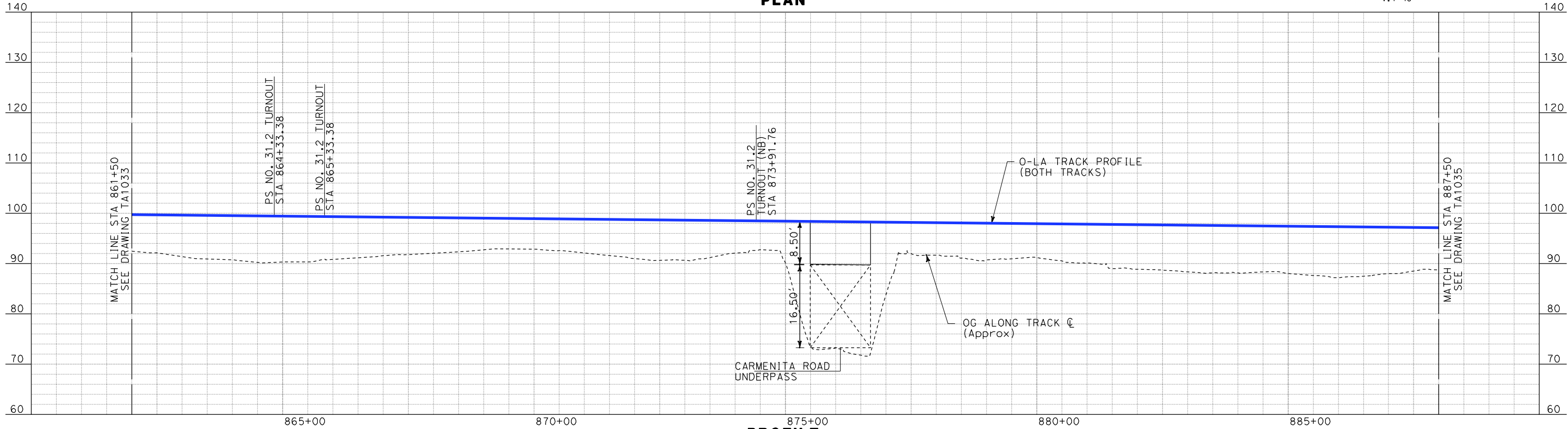
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SHEET NO.



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SPERRYKIM



PLAN



PROFILE

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IN CHARGE D. THOMSON
DATE 12-22-09



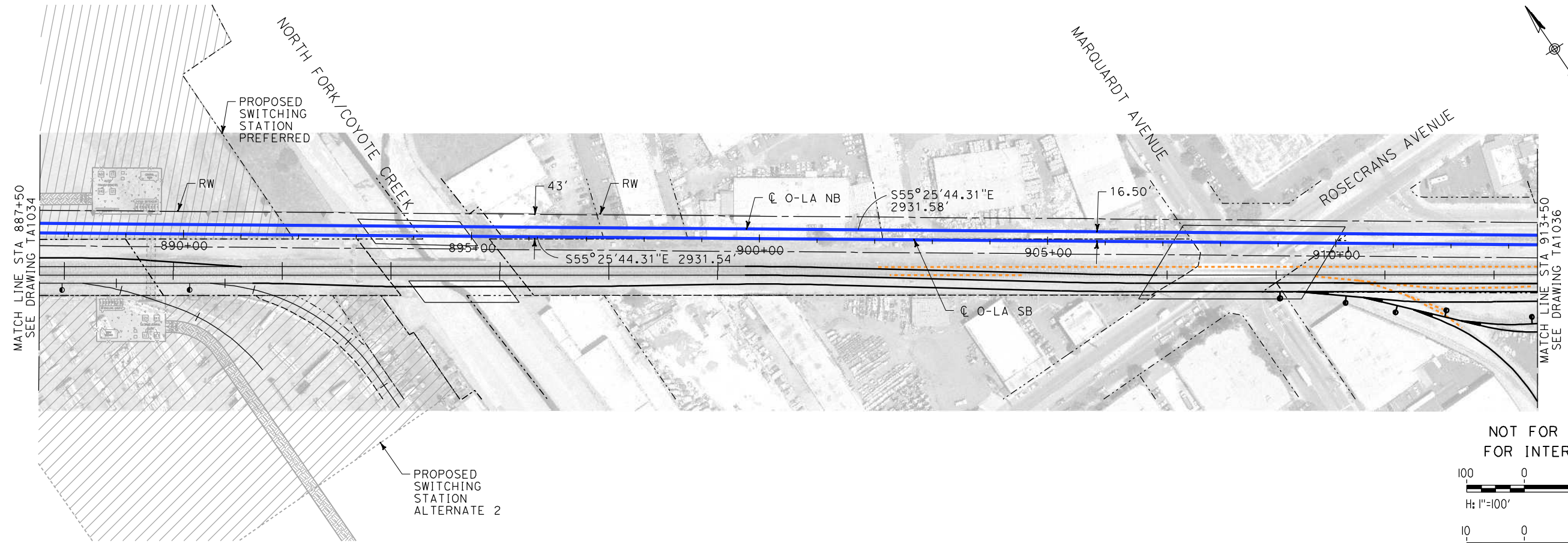
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LOS ANGELES, CA 90017-2556



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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT  
  
PLAN AND PROFILE  
STA 861+50 TO STA 887+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1034
SCALE AS SHOWN
SHEET NO.

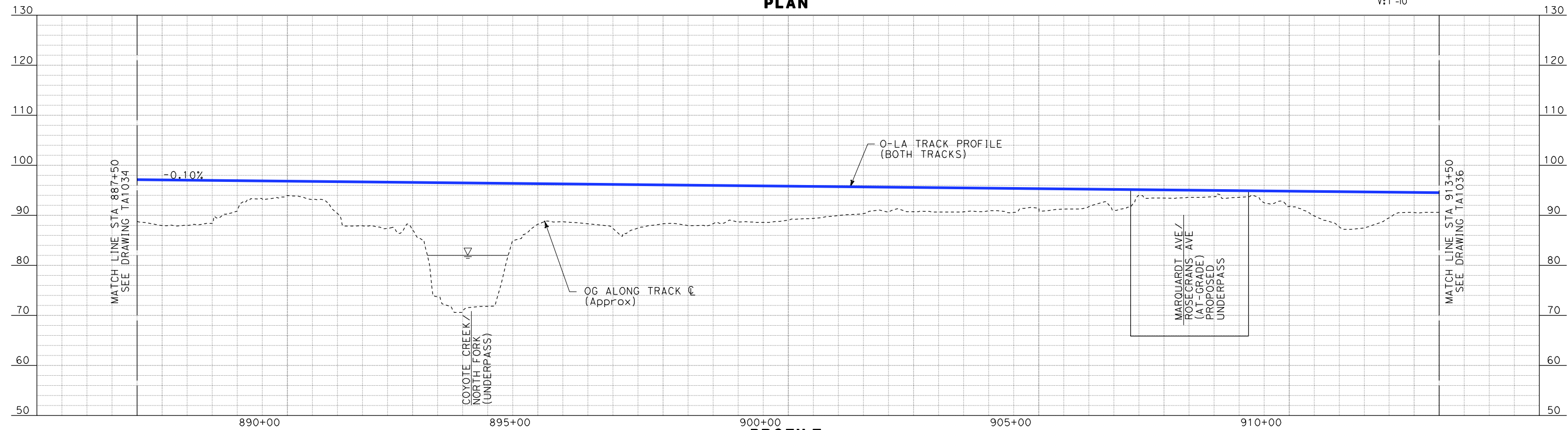


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100 0 100 200  
H: 1"=100'

10 0 10 20  
V: 1"=10'

PLAN



PROFILE

12/22/2009 11:12:32 AM i:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1035.dgn

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DESIGNED BY K. MCCULLOUGH
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DATE 12-22-09

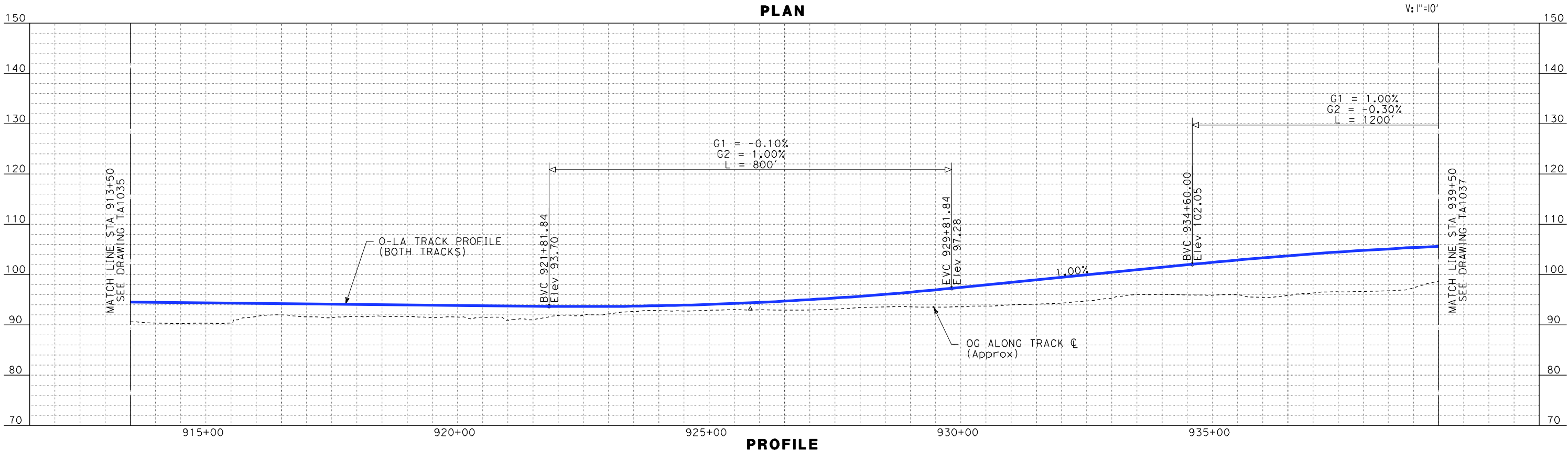
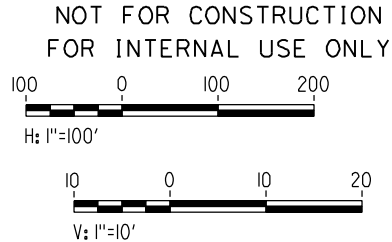
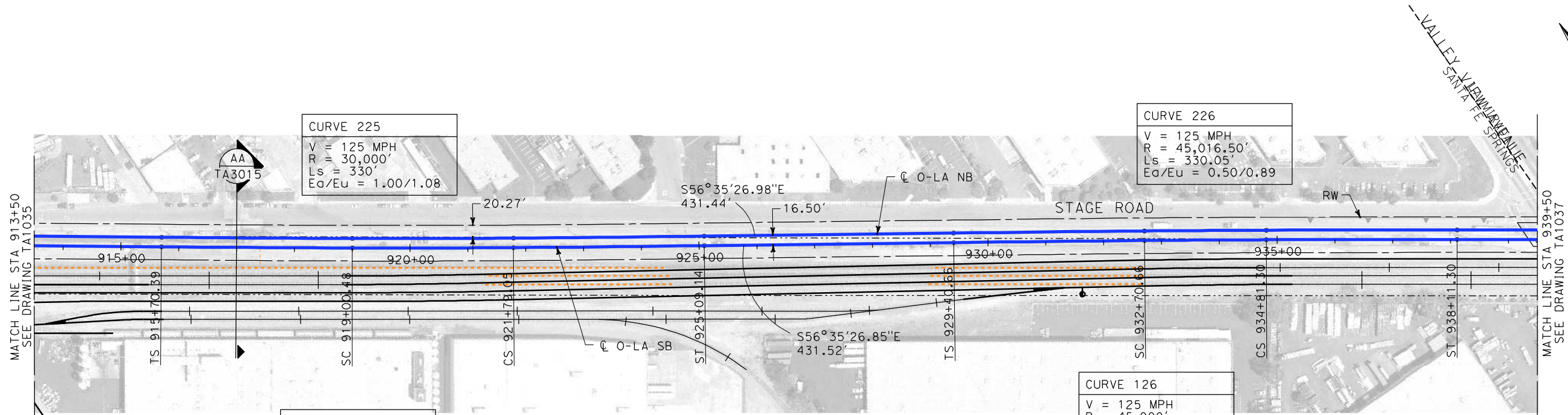


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 887+50 TO STA 913+50

CONTRACT NO. HSR06-0005
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SCALE AS SHOWN
SHEET NO.





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REV	DATE	BY	SUB	APP	DESCRIPTION

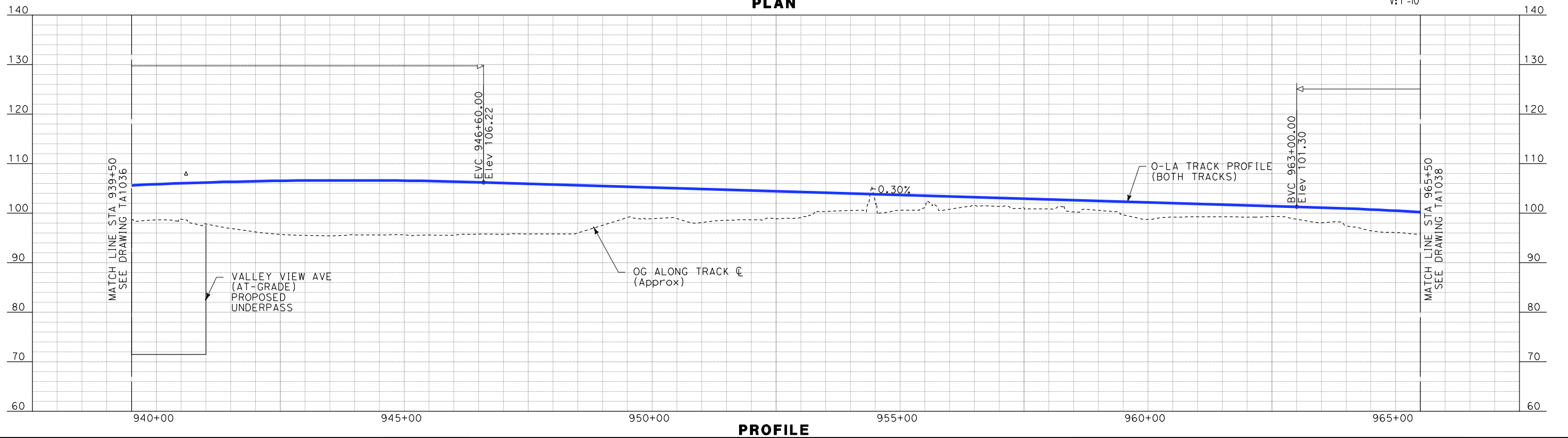
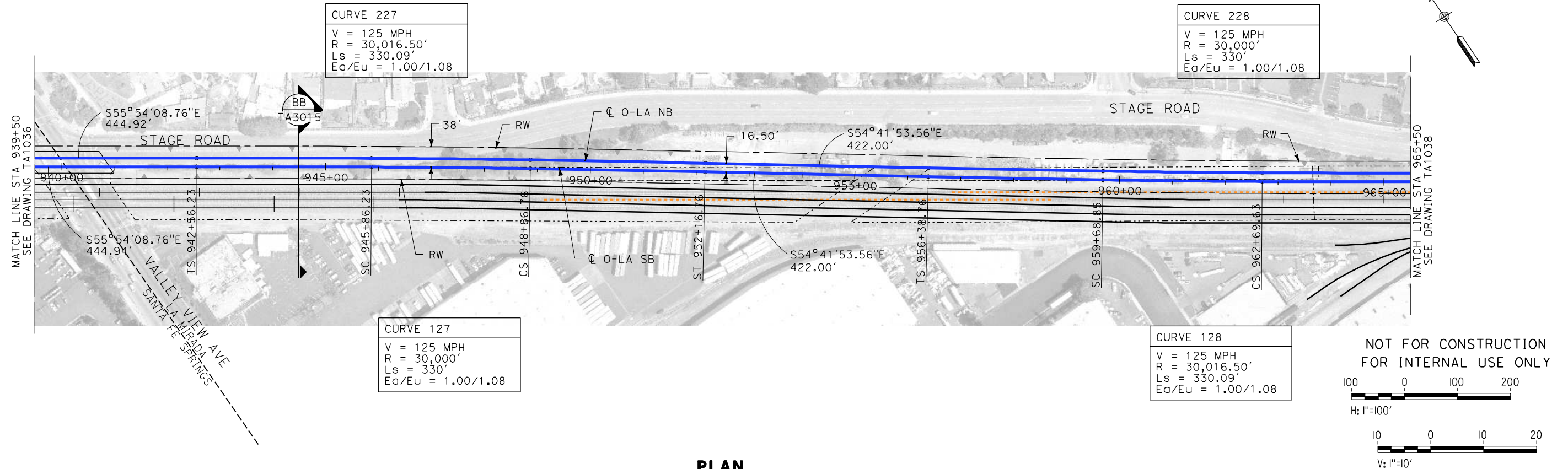
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT  
  
PLAN AND PROFILE  
STA 913+50 TO STA 939+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1036
SCALE AS SHOWN
SHEET NO.

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DATE 12-22-09



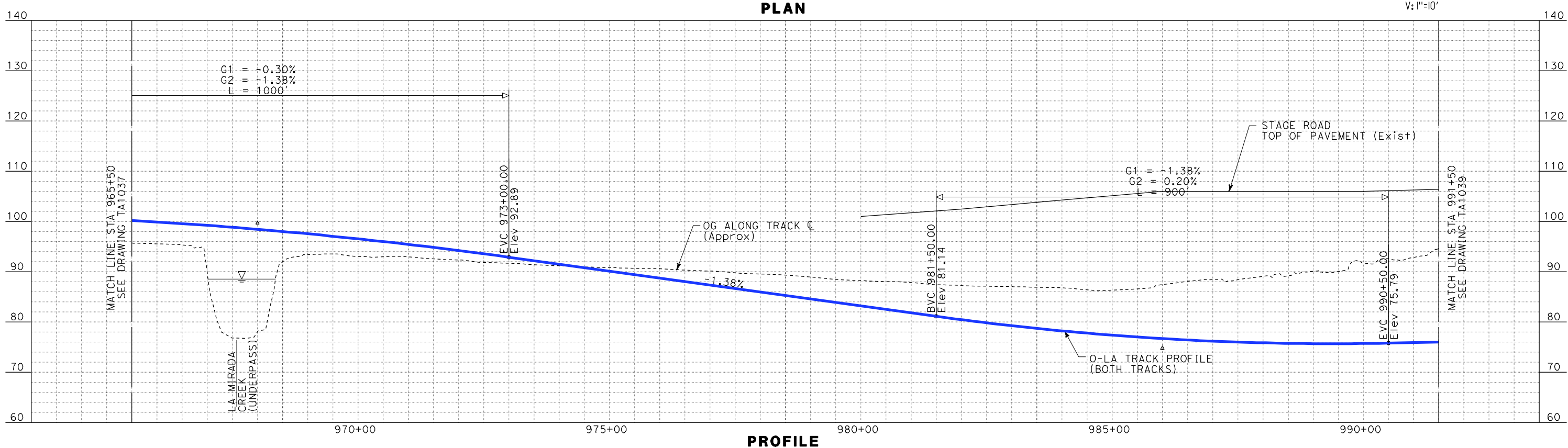
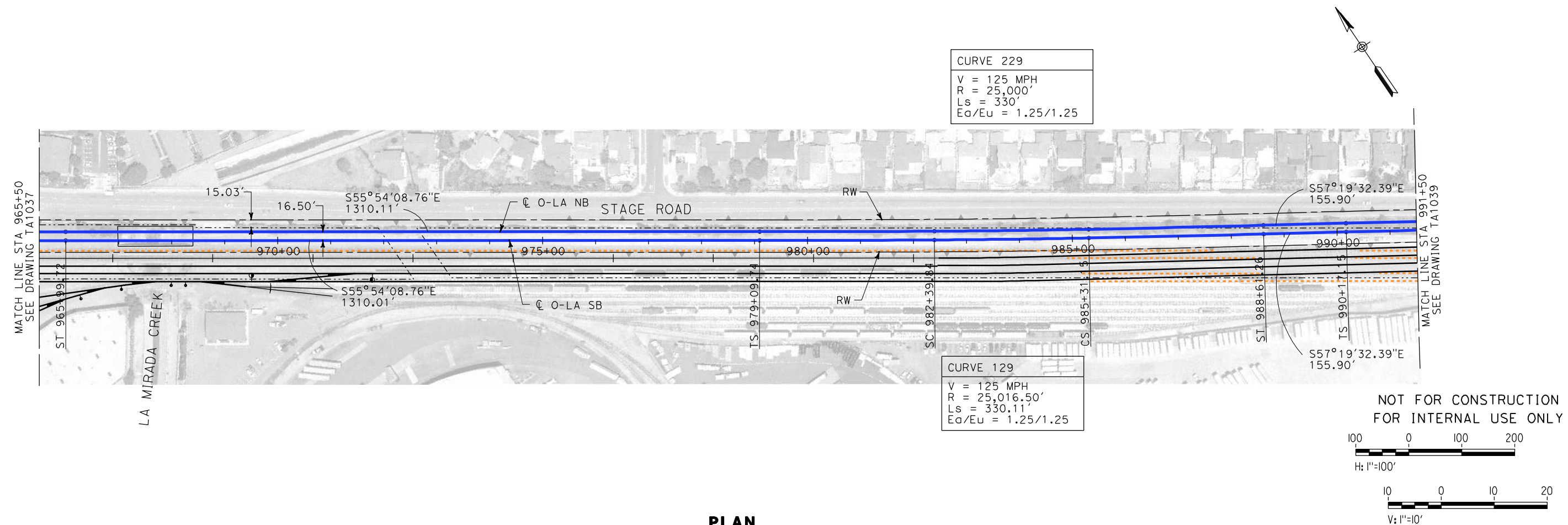
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**

BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 939+50 TO STA 965+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1037
SCALE AS SHOWN
SHEET NO.

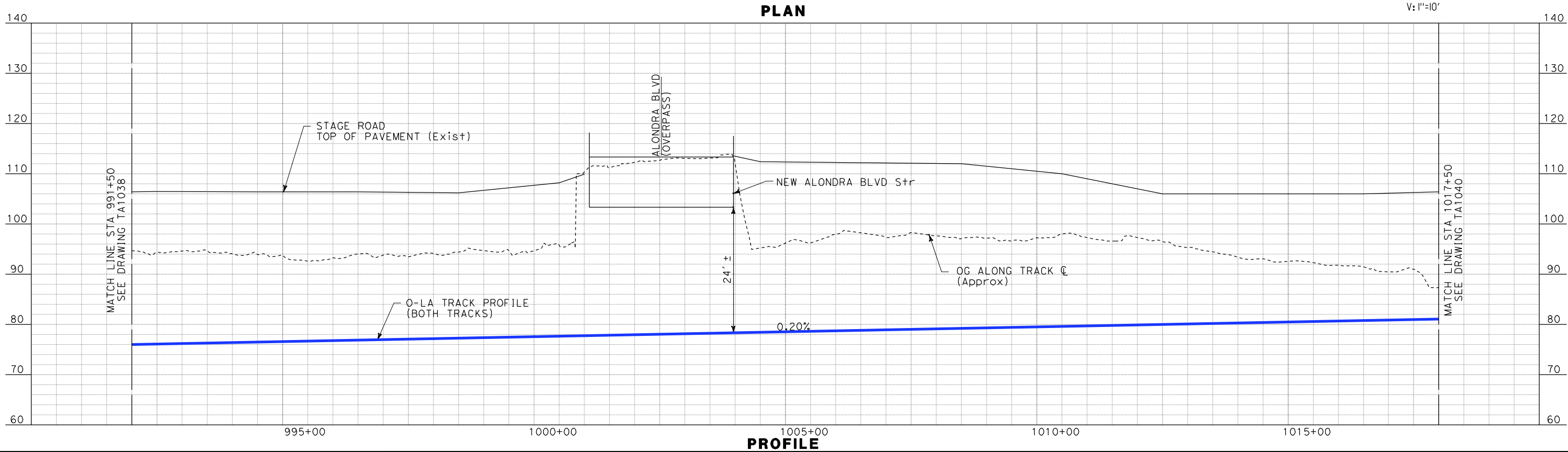
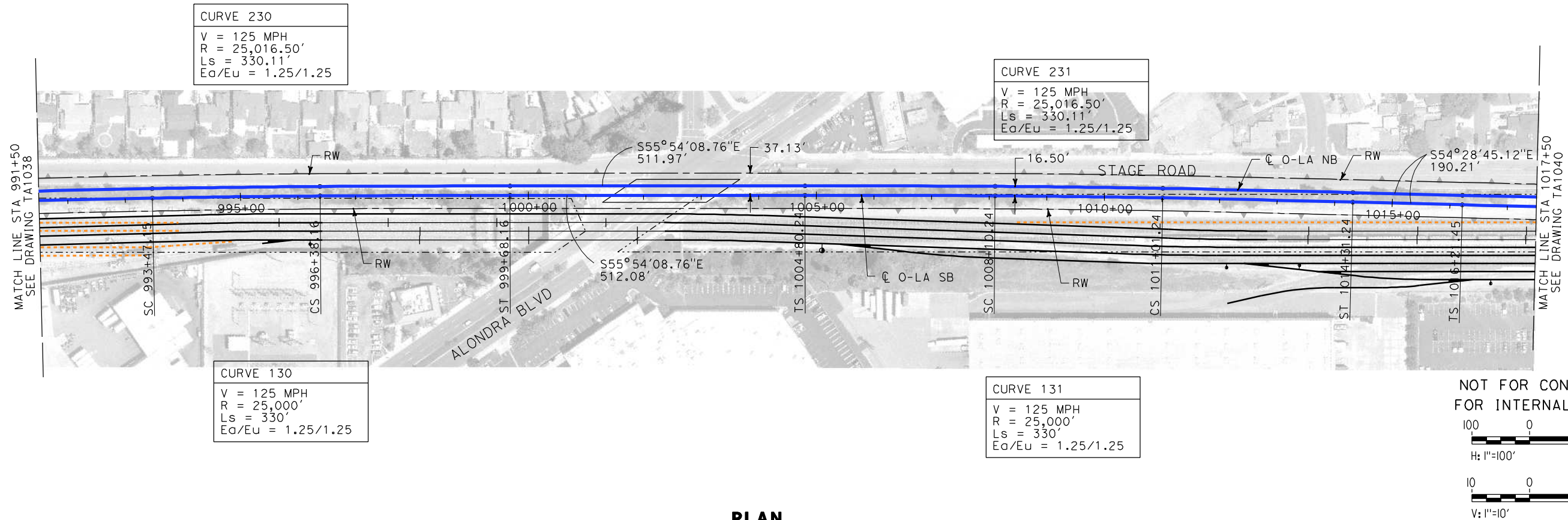




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<div>sperrykm</div>					<div>DESIGNED BY K. MCCULLOUGH</div>		<div>STV Incorporated ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556</div>	<div> CALIFORNIA HIGH-SPEED RAIL AUTHORITY <b>FLY CALIFORNIA</b> Without ever leaving the ground.</div>	<div><b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>ORANGE COUNTY TO LOS ANGELES</b> BASELINE ALIGNMENT</div>	CONTRACT NO. HSR06-0005
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REV	DATE	BY	SUB	APP	DESCRIPTION	IN CHARGE D. THOMSON				
						DATE 12-22-09				

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REV	DATE	BY	SUB	APP	DESCRIPTION

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DATE 12-22-09



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1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



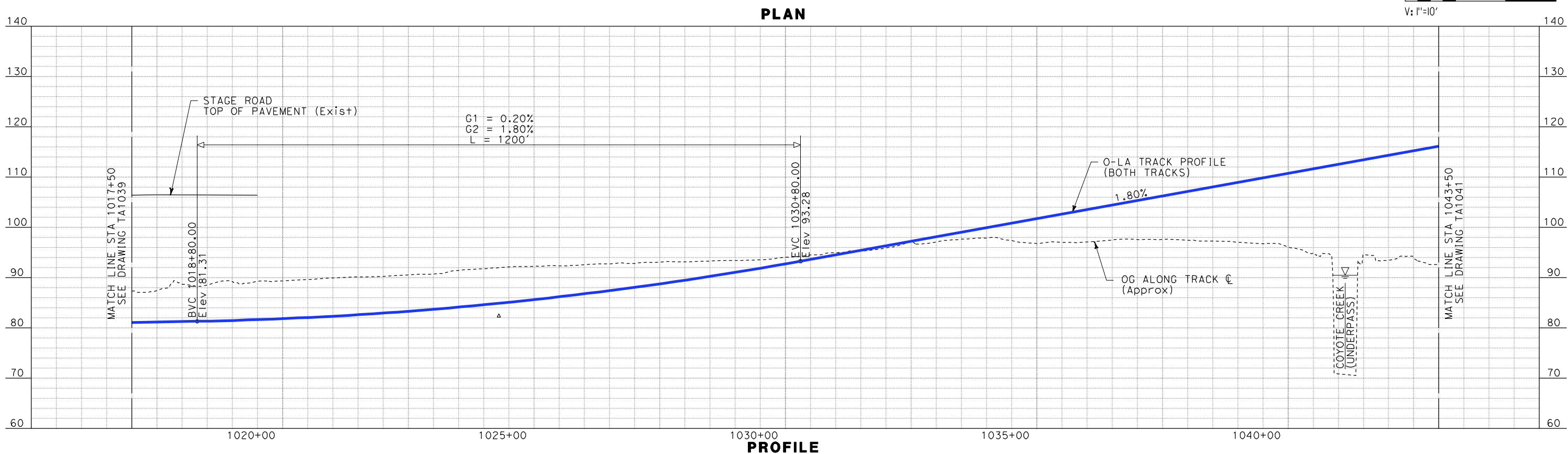
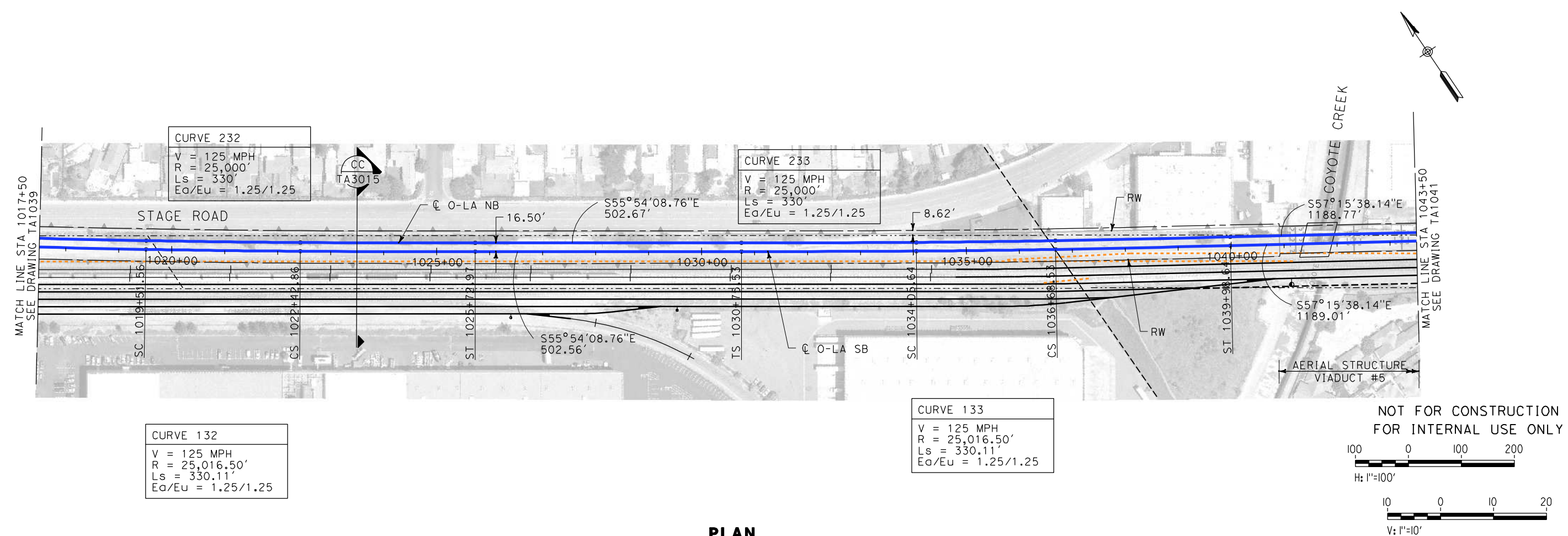
CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
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ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 991+50 TO STA 1017+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1039
SCALE AS SHOWN
SHEET NO.





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REV	DATE	BY	SUB	APP	DESCRIPTION

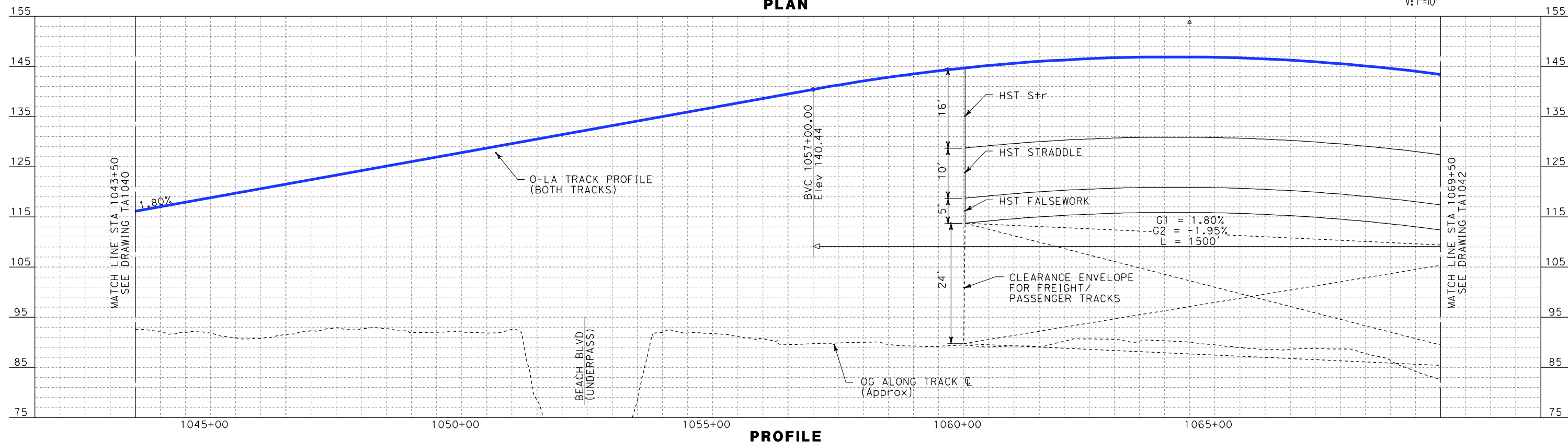
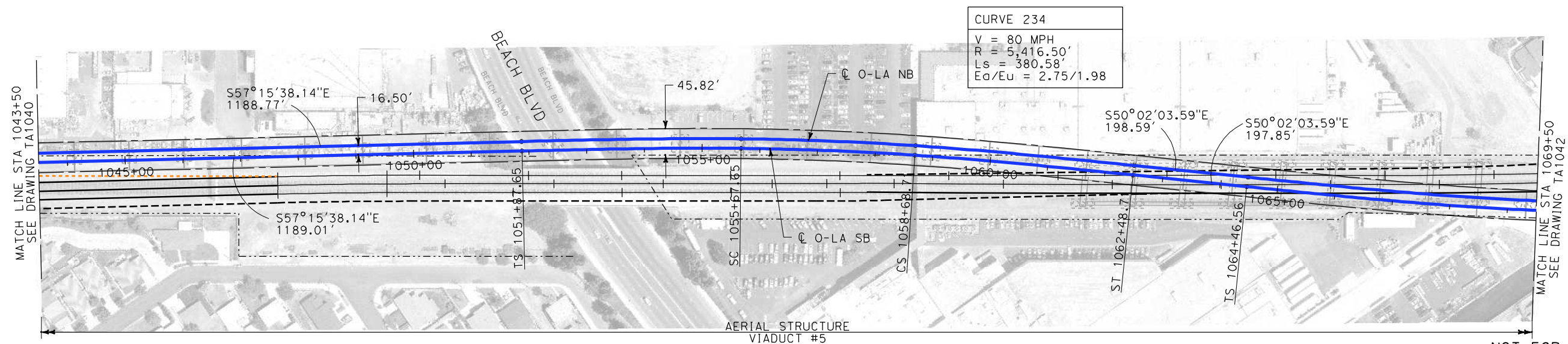
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1017+50 TO STA 1043+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1040
SCALE AS SHOWN
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REV	DATE	BY	SUB	APP	DESCRIPTION

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IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

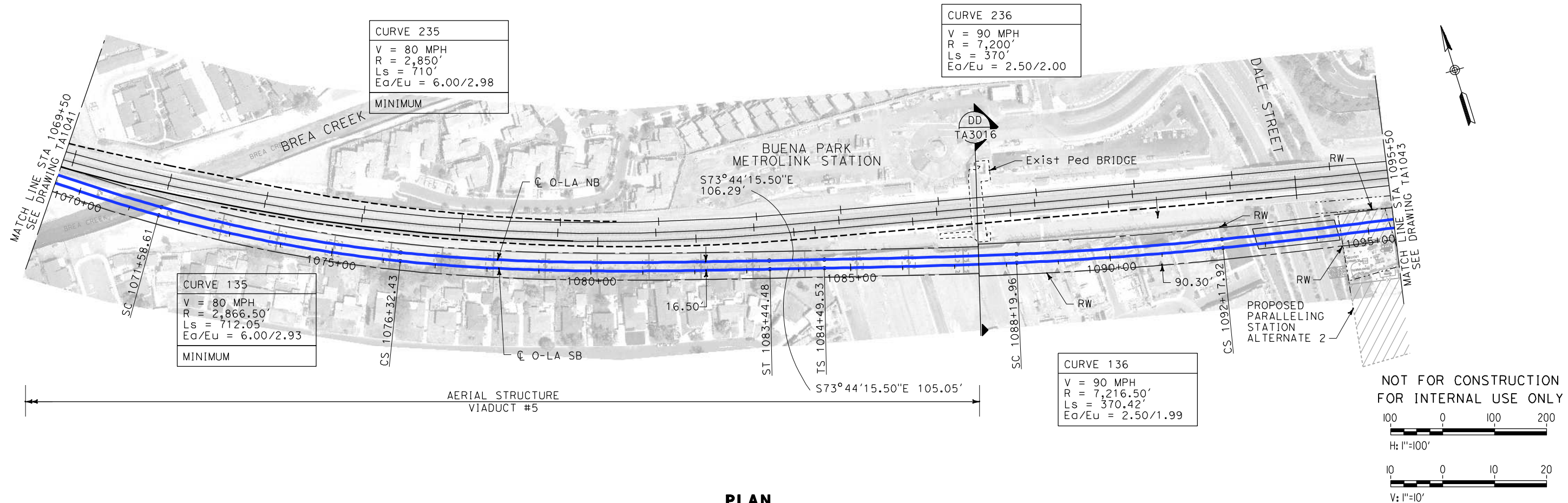
PLAN AND PROFILE  
STA 1043+50 TO STA 1069+50

CONTRACT NO. HSR06-0005
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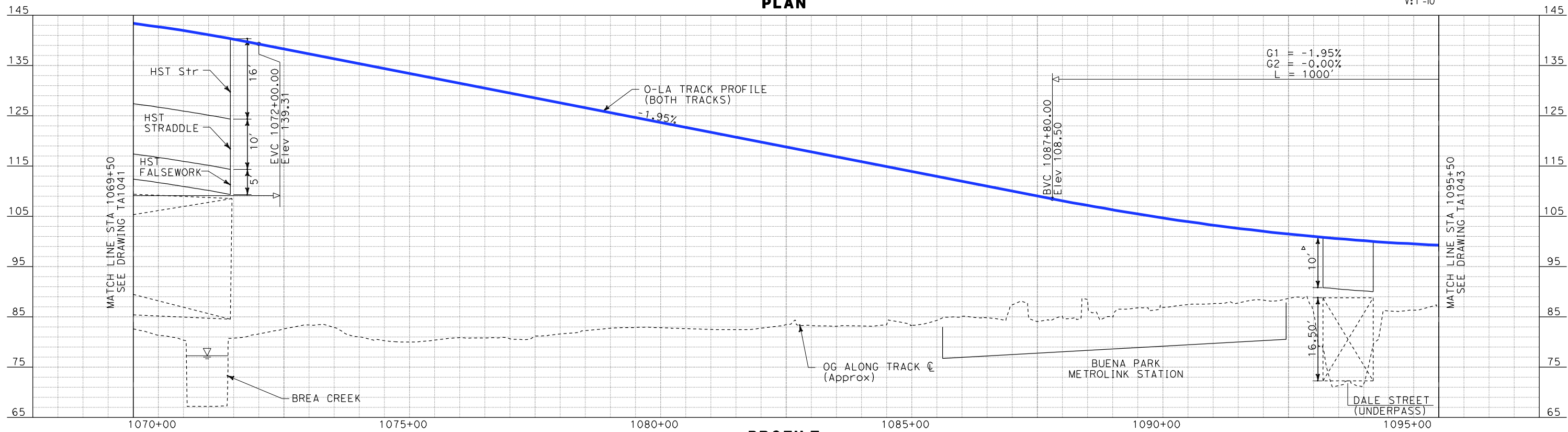


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SPERRY



PLAN



PROFILE

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DESIGNED BY K. MCCULLOUGH
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IN CHARGE D. THOMSON
DATE 12-22-09



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ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1069+50 TO STA 1095+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1042
SCALE AS SHOWN
SHEET NO.

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sperrykm

REV	DATE	BY	SUB	APP	DESCRIPTION

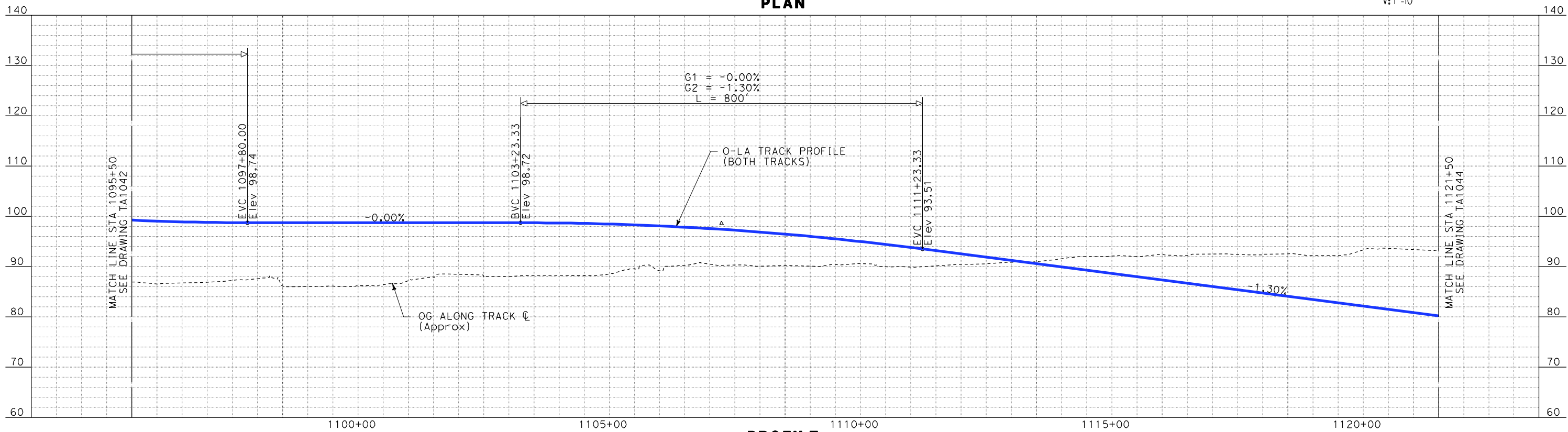
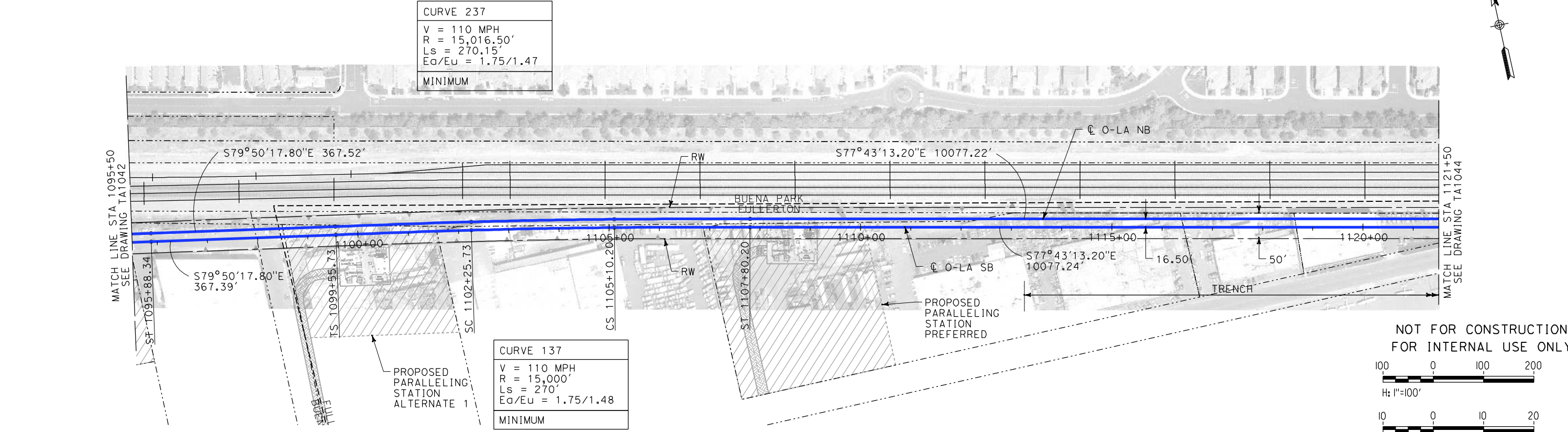
DESIGNED BY K. MCCULLOUGH
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DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1095+50 TO STA 1121+50

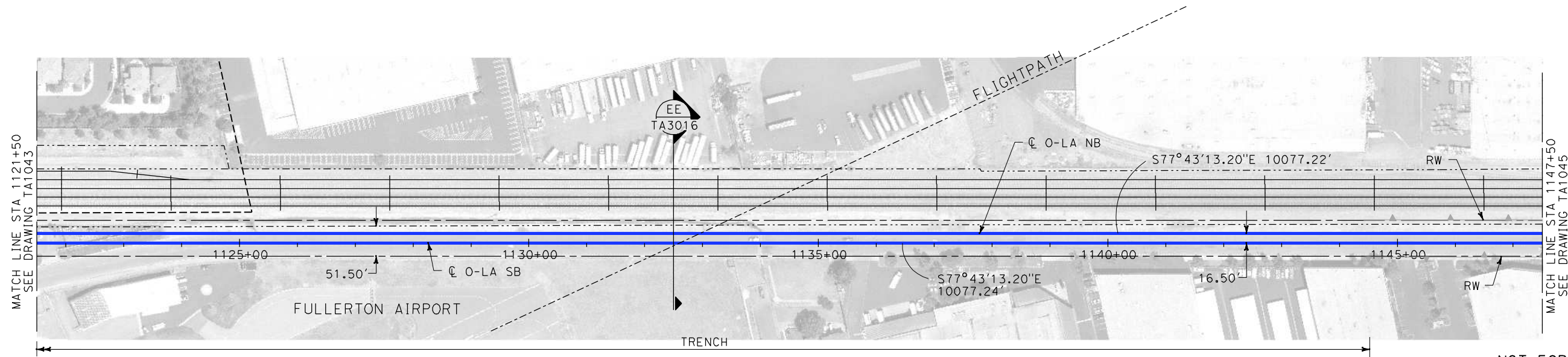
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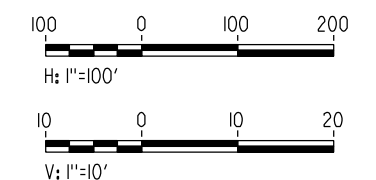
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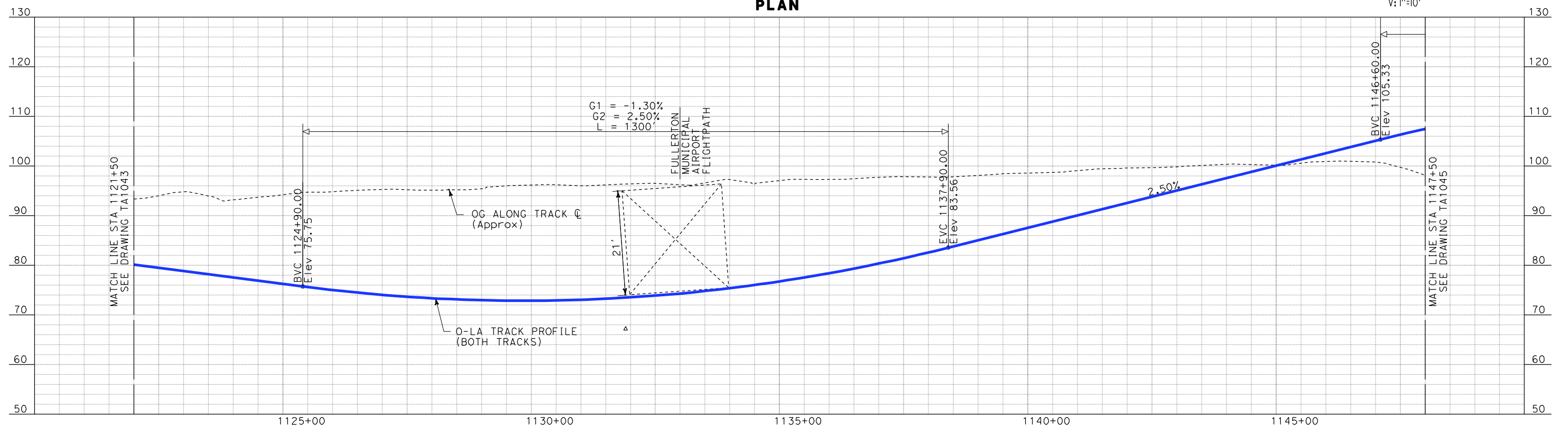




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PLAN



PROFILE

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REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
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CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09

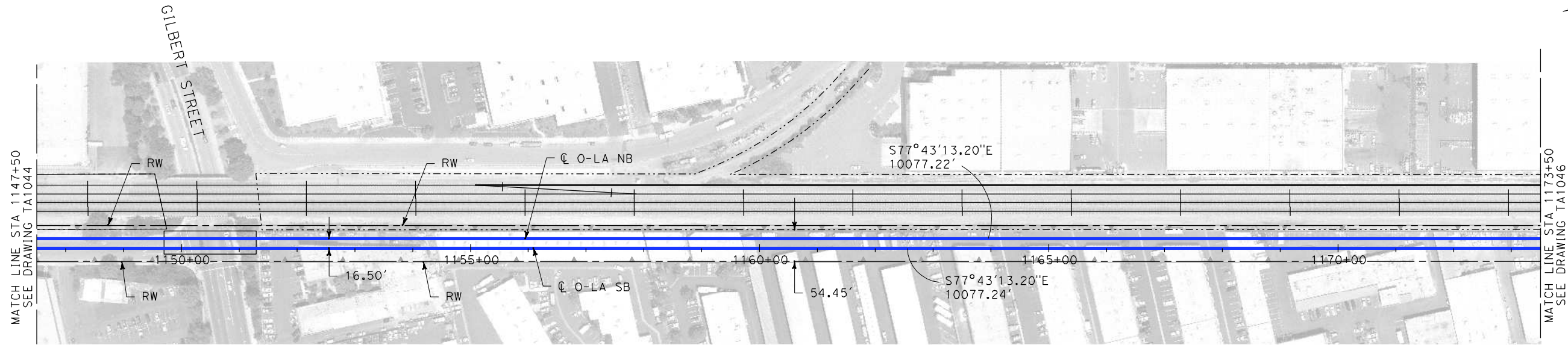


CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

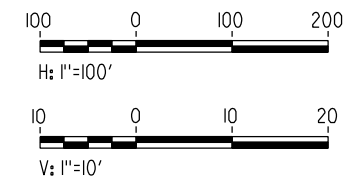
PLAN AND PROFILE  
STA 1121+50 TO STA 1147+50

CONTRACT NO. HSR06-0005
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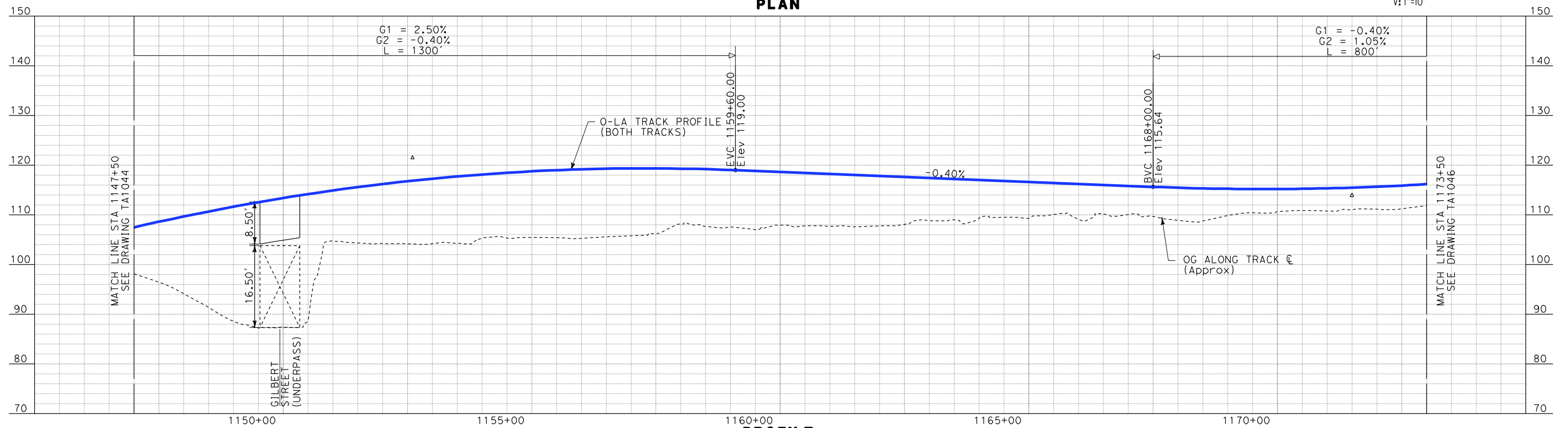
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### PLAN



### PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09

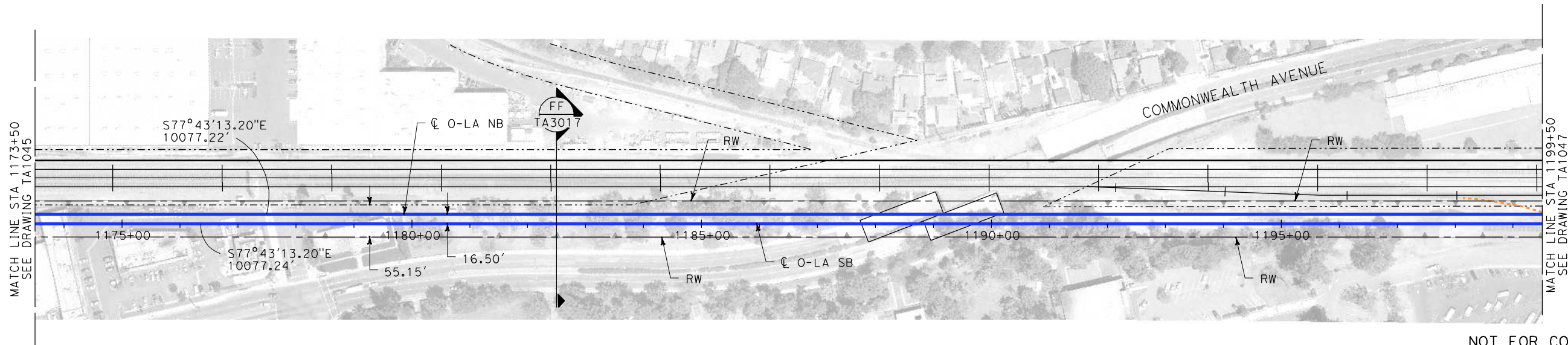


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1147+50 TO STA 1173+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1045
SCALE AS SHOWN
SHEET NO.



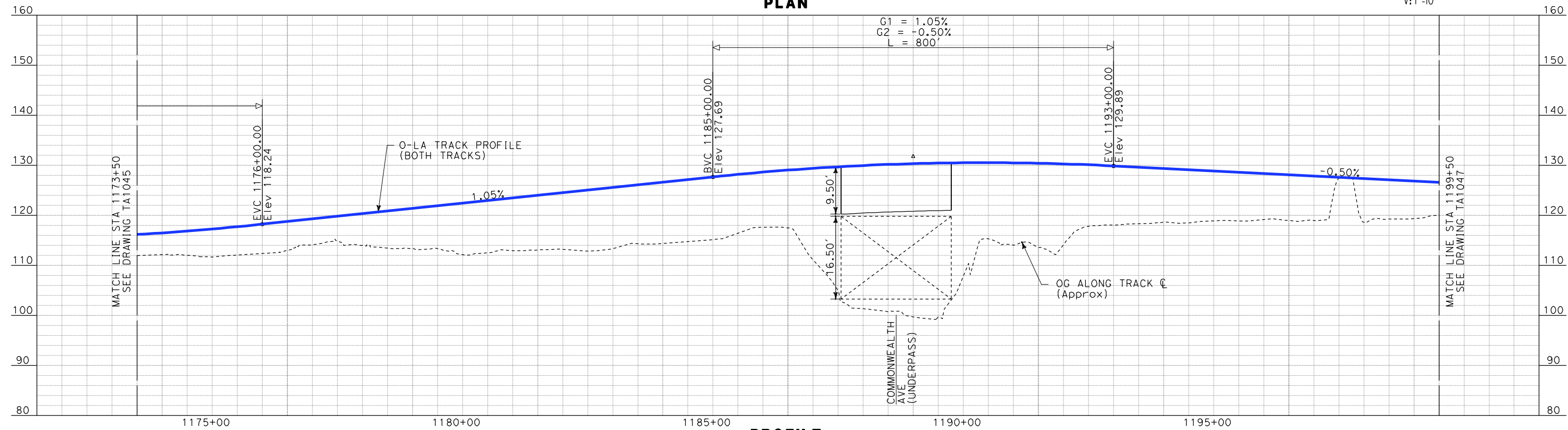


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100 0 100 200  
H: 1"=100'

10 0 10 20  
V: 1"=10'

PLAN



PROFILE

12/22/2009 11:15:53 AM i:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1046.dgn

REV	DATE	BY	SUB	APP	DESCRIPTION

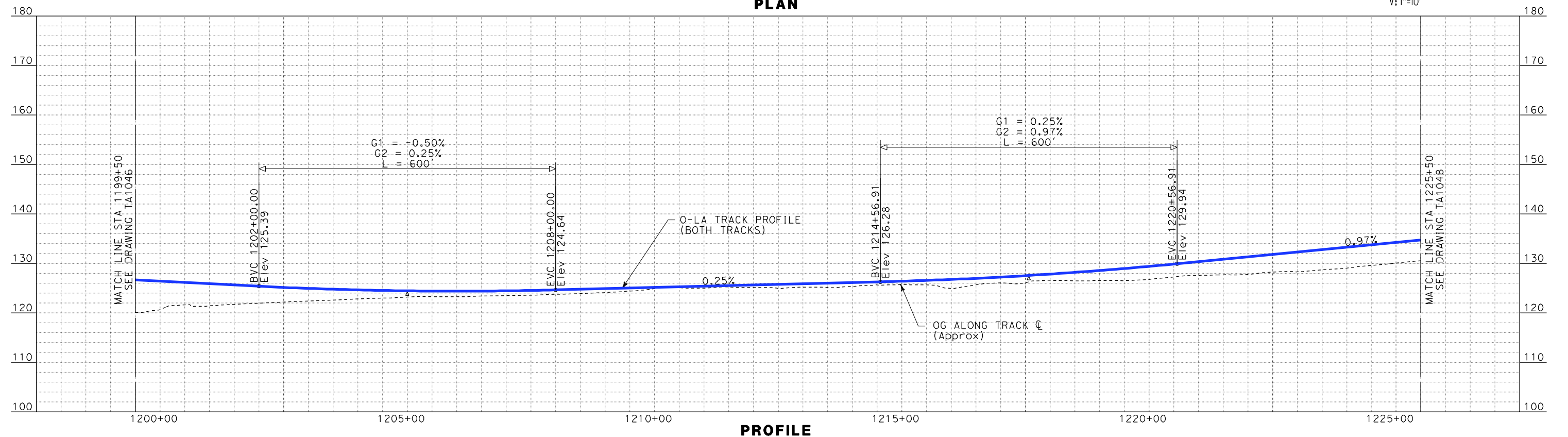
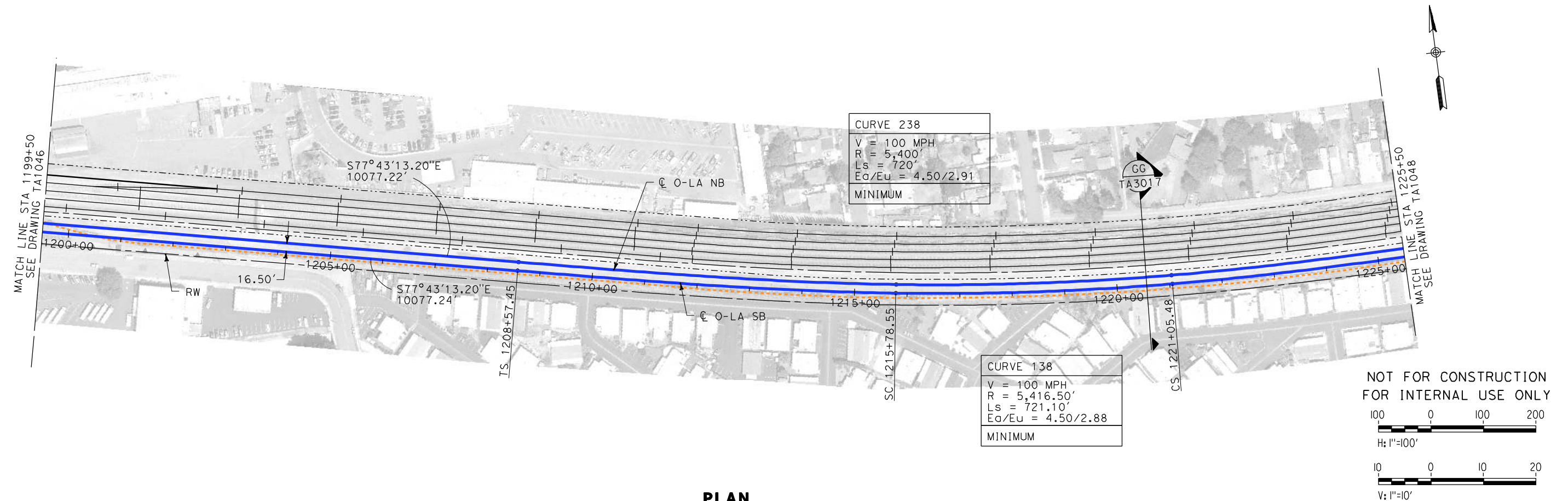
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1173+50 TO STA 1199+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1046
SCALE AS SHOWN
SHEET NO.



12/22/2009 11:16:12 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1047.dgn

REV	DATE	BY	SUB	APP	DESCRIPTION

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DATE 12-22-09

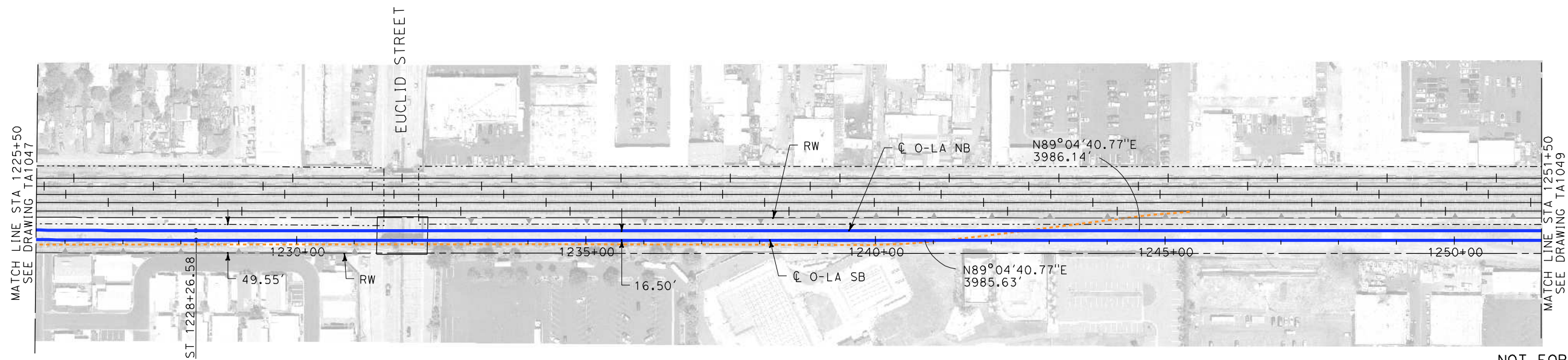


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1199+50 TO STA 1225+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1047
SCALE AS SHOWN
SHEET NO.





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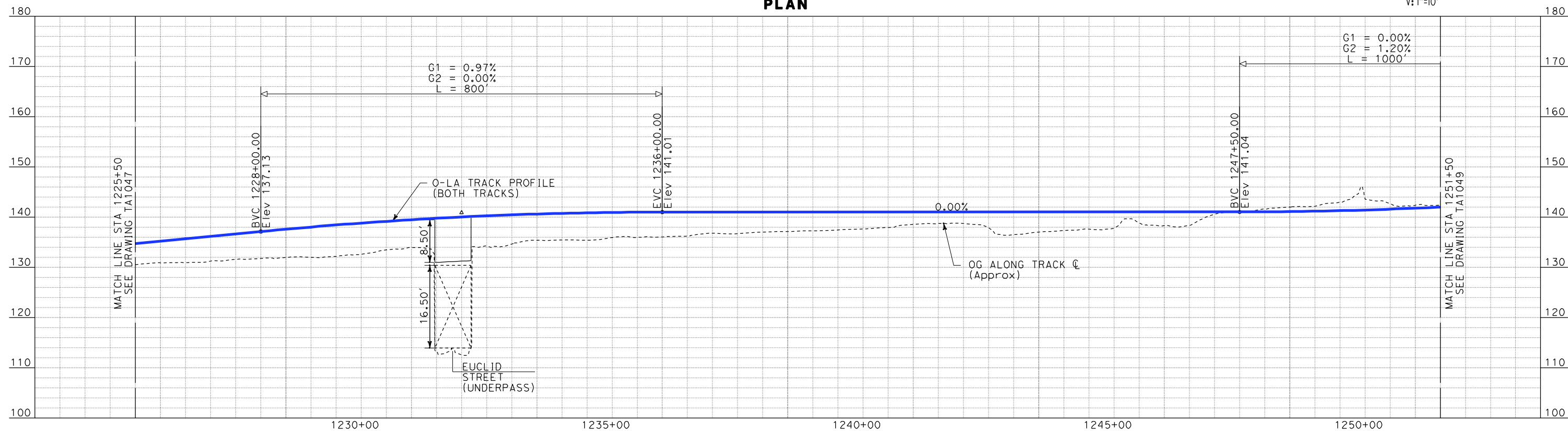


H: 1"=100'



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PLAN



PROFILE

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REV	DATE	BY	SUB	APP	DESCRIPTION

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CHECKED BY A. SOKOL
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DATE 12-22-09



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CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
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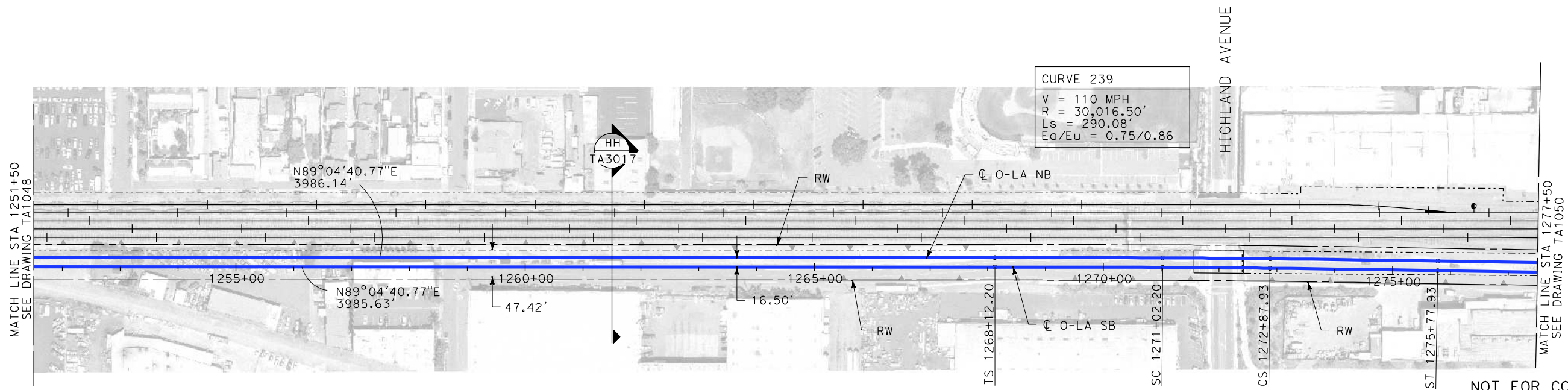
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1225+50 TO STA 1251+50

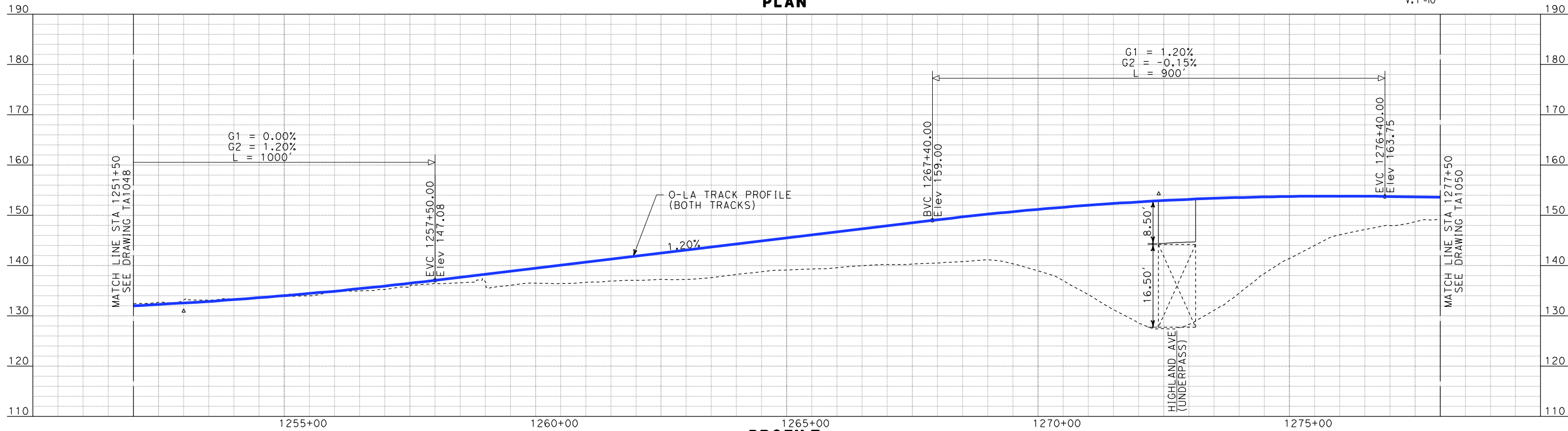
CONTRACT NO. HSR06-0005
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SCALE AS SHOWN
SHEET NO.

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SPERRY



PLAN



PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION

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DATE 12-22-09



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**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1251+50 TO STA 1277+50

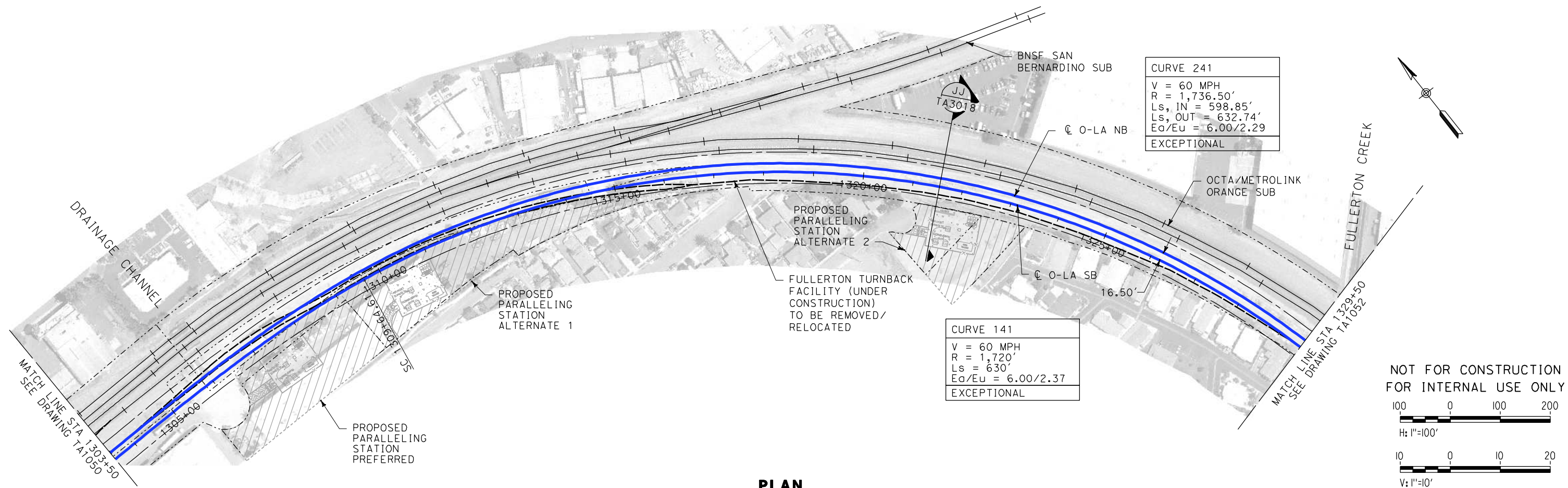
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SHEET NO.



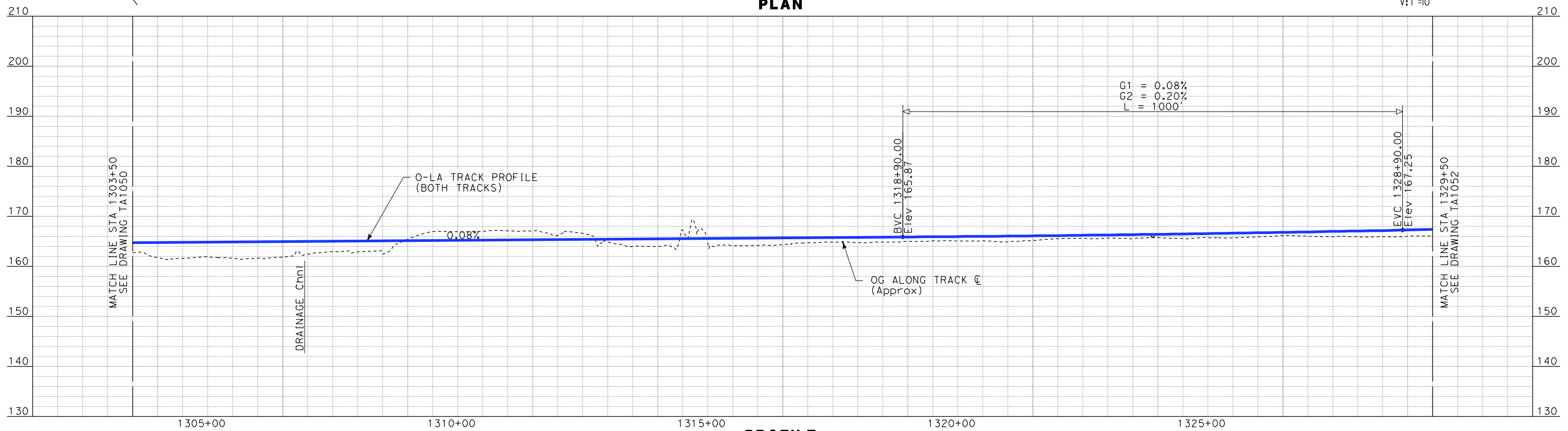


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SPERRY



PLAN



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DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

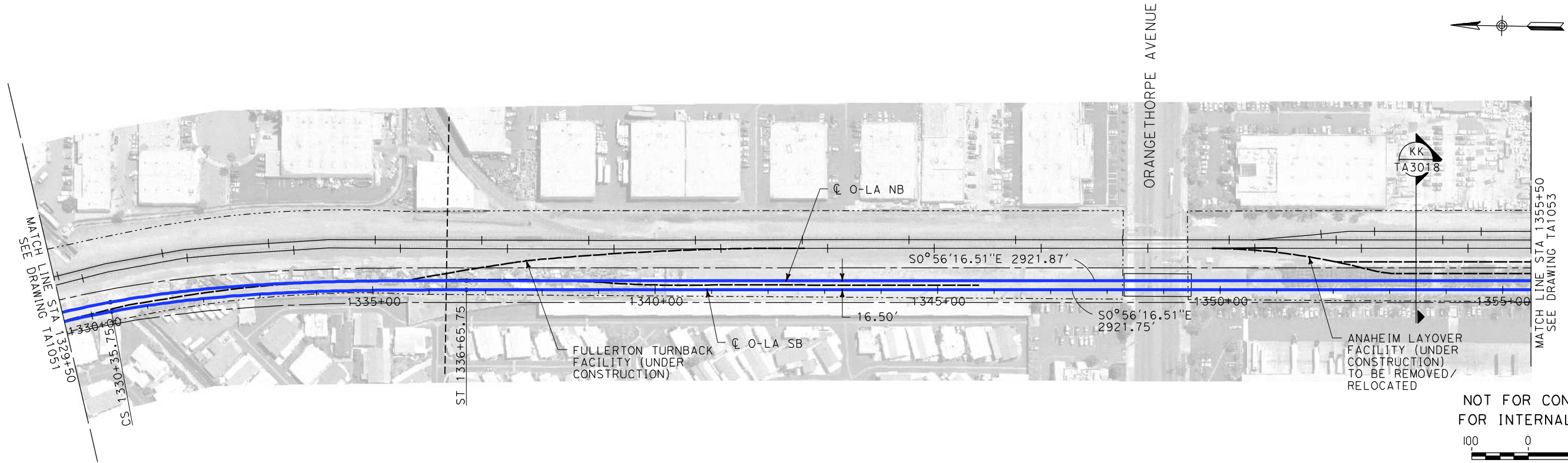
PLAN AND PROFILE  
STA 1303+50 TO STA 1329+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1051
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SHEET NO.

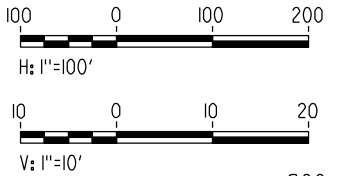


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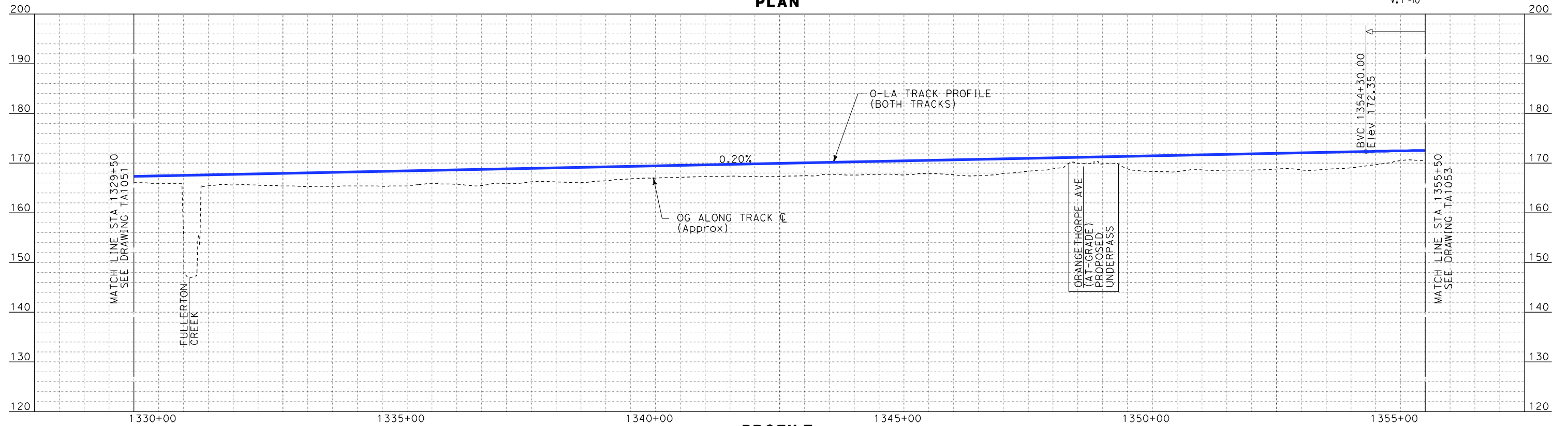
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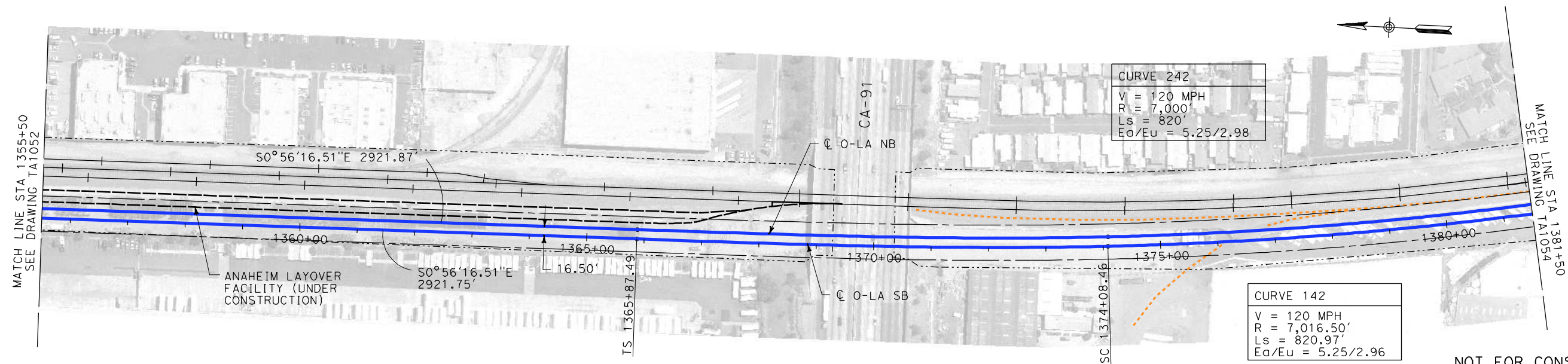


CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
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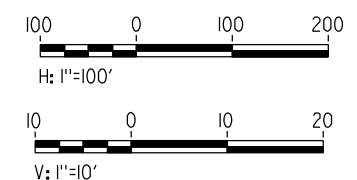
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1329+50 TO STA 1355+50

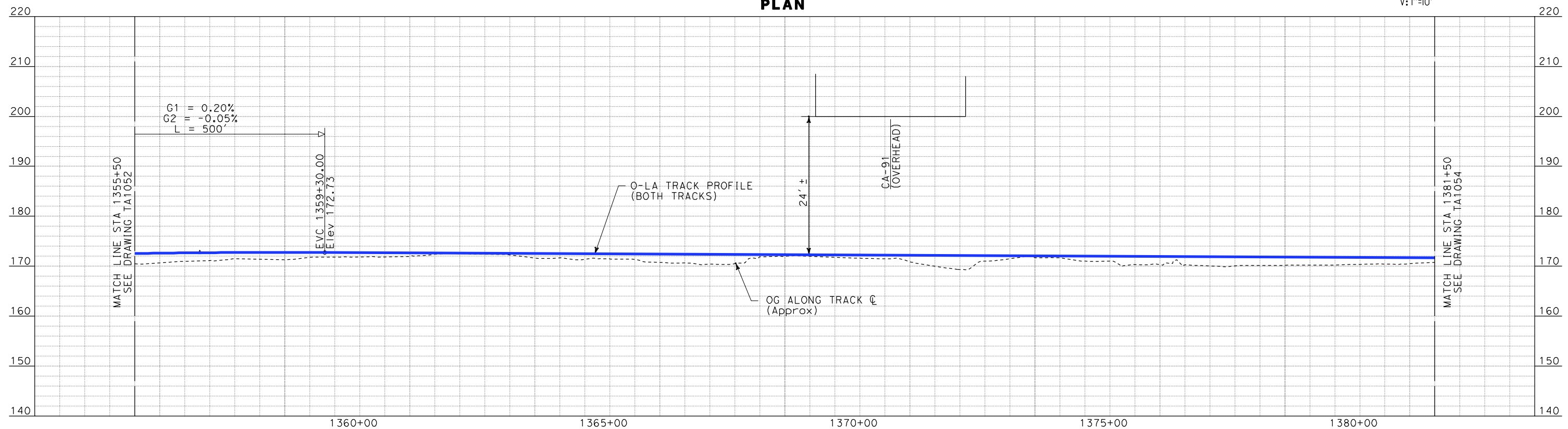
CONTRACT NO. HSR06-0005
DRAWING NO. TA1052
SCALE AS SHOWN
SHEET NO.



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### PLAN



### PROFILE

12/22/2009 11:17:59 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1053.dgn

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

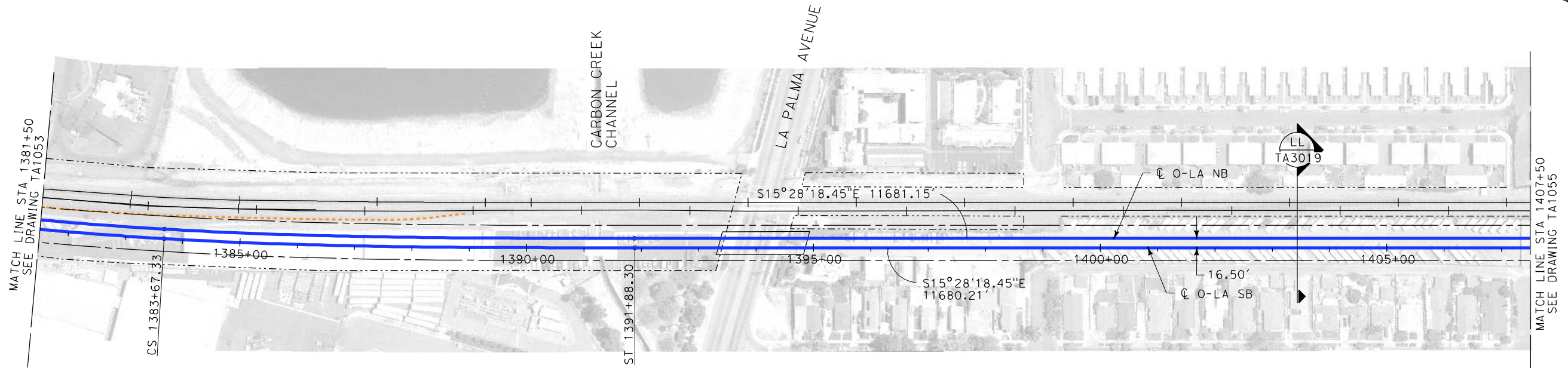
PLAN AND PROFILE  
STA 1355+50 TO STA 1381+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1053
SCALE AS SHOWN
SHEET NO.

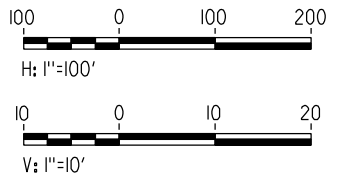


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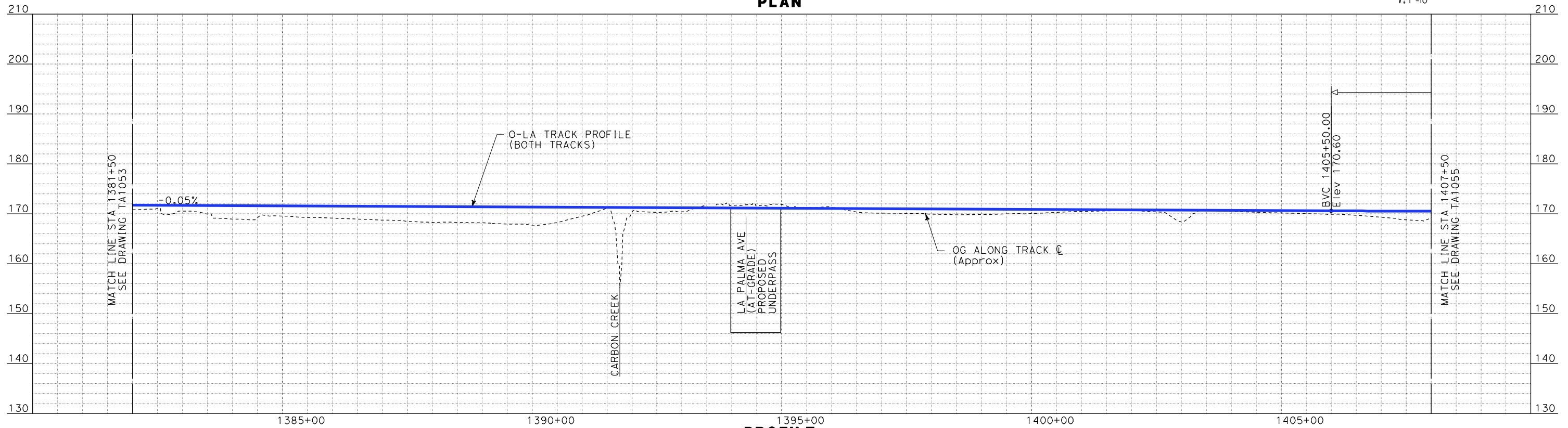
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### PLAN



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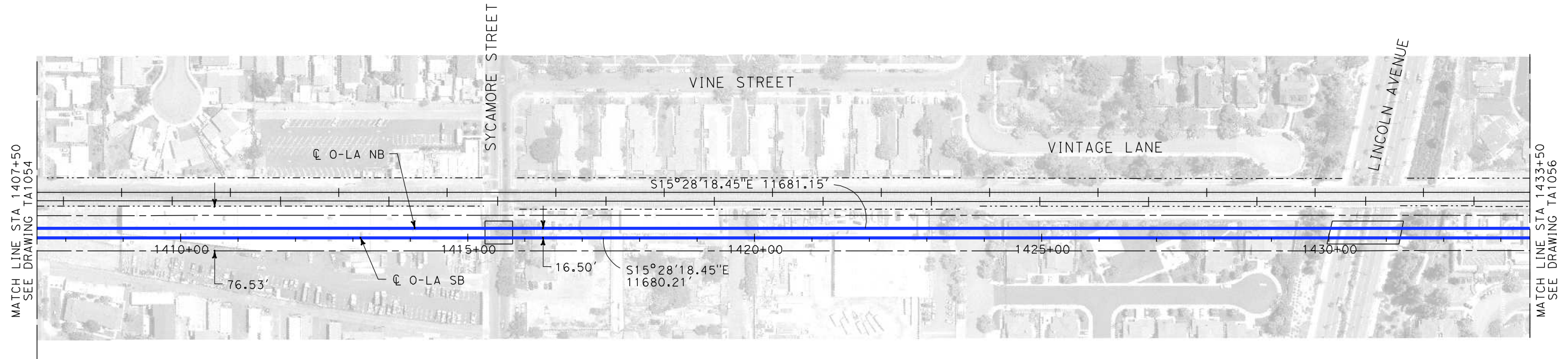
**CALIFORNIA HIGH-SPEED RAIL AUTHORITY**  
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**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1381+50 TO STA 1407+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1054
SCALE AS SHOWN
SHEET NO.

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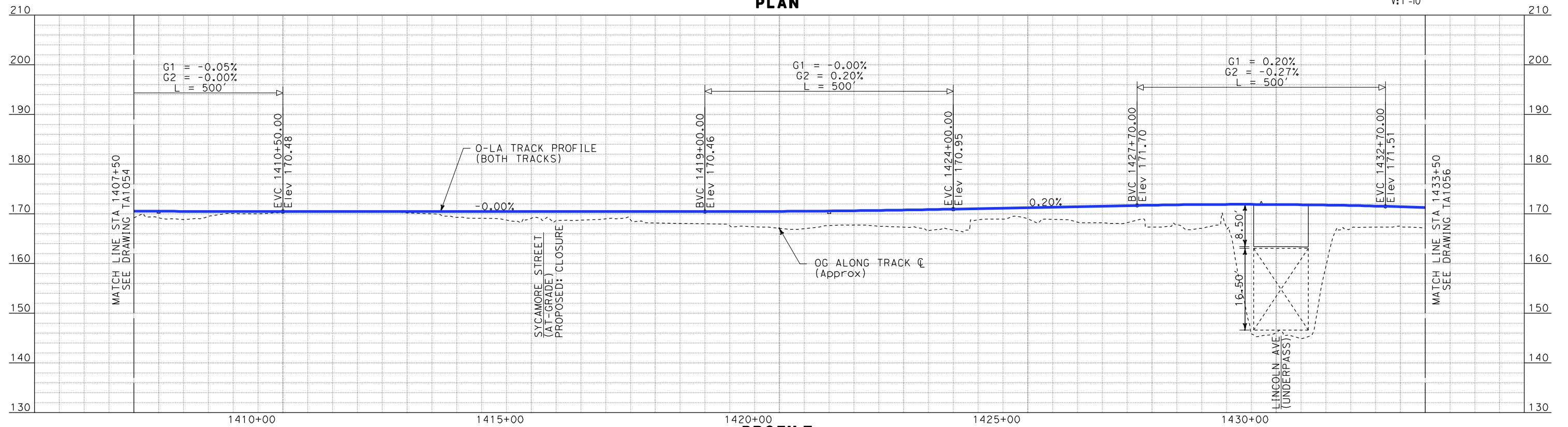


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100 0 100 200  
H: 1"=100'

10 0 10 20  
V: 1"=10'

PLAN



PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION

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DATE 12-22-09



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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

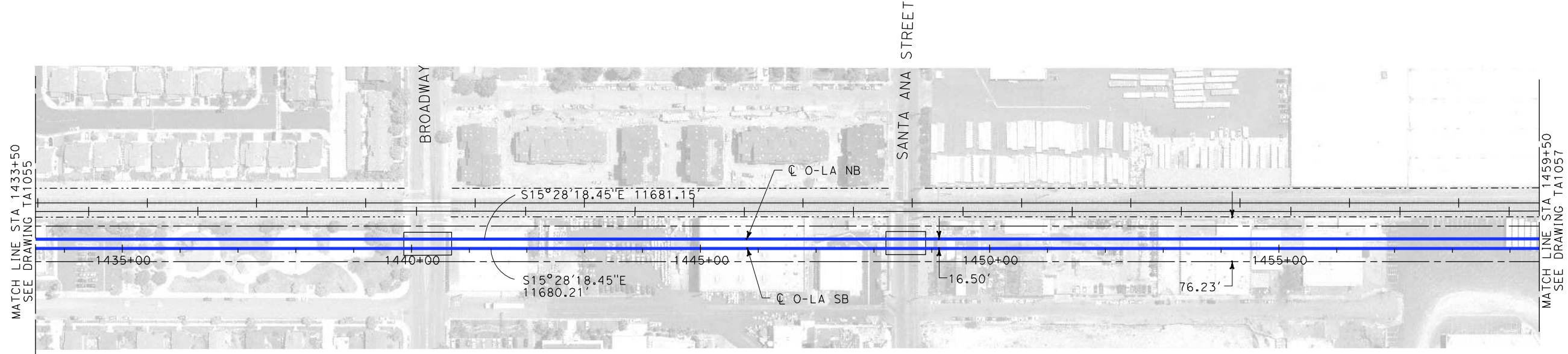
PLAN AND PROFILE  
STA 1407+50 TO STA 1433+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1055
SCALE AS SHOWN
SHEET NO.

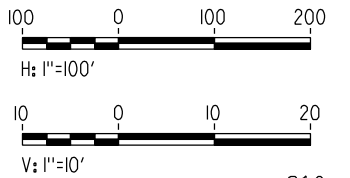


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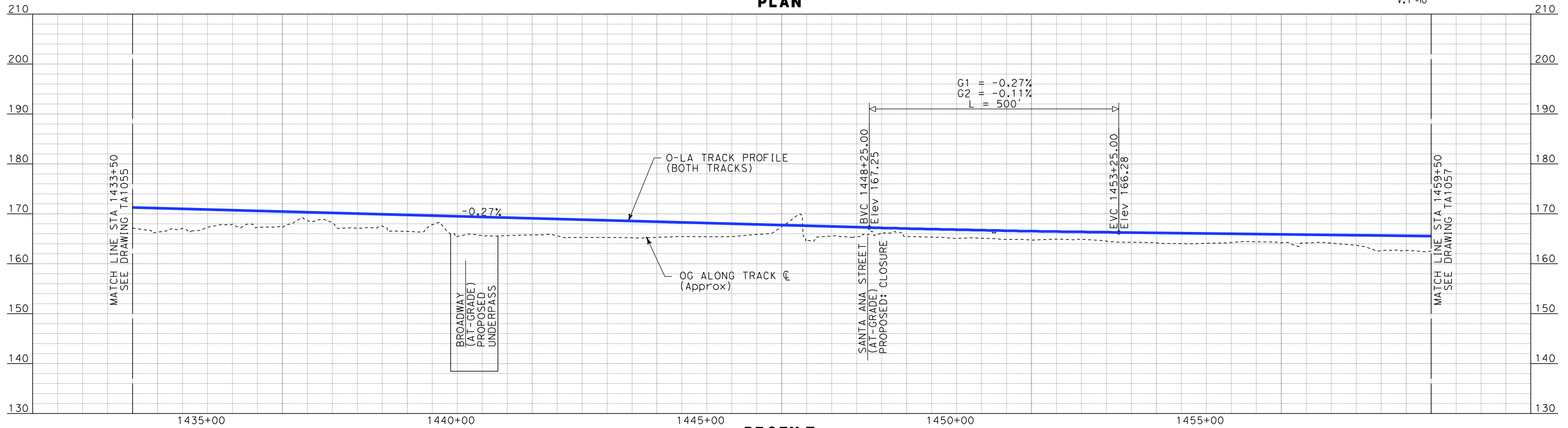
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ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1433+50 TO STA 1459+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1056
SCALE AS SHOWN
SHEET NO.



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PLAN AND PROFILE  
STA 1459+50 TO STA 1485+50

CONTRACT NO.	HSR06-0005
DRAWING NO.	TA1057
SCALE	AS SHOWN
SHEET NO.	